



FACULTAD DE INGENIERÍA INDUSTRIAL

INFORME 3° ENTREGABLE-AG-1 MODULO DE GESTION DE MATERIALES (MM) ERP SAP S/4 HANA- CASO GLOBAL BIKE INC

Curso: Software Integrado de Manufactura

Proyecto: Simulación del Proceso de Gestión de Materiales-
Modulo MM

Docente: Dr. Ing. Gustavo Raúl Quispe Canales

Grupo: 02

Equipo:

- Cárdenas Echevarría, Jorge
- Giron Chaparro, Ximena
- Solari Manrique, Stefano
- Varillas Luyo, Fabian

Fecha de Entrega: 27 de noviembre de 2025

INTRODUCCION

El presente trabajo tiene como finalidad validar los atributos del graduado (AG1, AG3 y AG7) mediante la ejecución integral del ciclo de Gestión de Materiales (MM) en SAP S/4HANA, utilizando el caso de estudio Global Bike Inc. A través de la simulación de roles operativos reales, el proyecto abarca desde la configuración de datos maestros y la gestión de compras hasta la facturación y el pago, aplicando criterios de ingeniería industrial como trazabilidad, estandarización y control logístico en un entorno corporativo realista.

Objetivo general:

Desarrollar y ejecutar un proceso completo de gestión de materiales en SAP S/4HANA, demostrando el dominio de los atributos del graduado vinculados a la identificación de problemas, la comunicación técnica y la integración de procesos logísticos.

Objetivos específicos:

- Configurar correctamente los datos maestros de proveedor y de materiales, asegurando consistencia y trazabilidad dentro del sistema ERP (AG1).
- Elaborar y comunicar adecuadamente los documentos del proceso de compras, como requisitos y cotizaciones, aplicando criterios técnicos (AG3).
- Integrar de manera efectiva las etapas de recepción, verificación de factura y compensación de pagos, garantizando continuidad operativa y control documental (AG7).

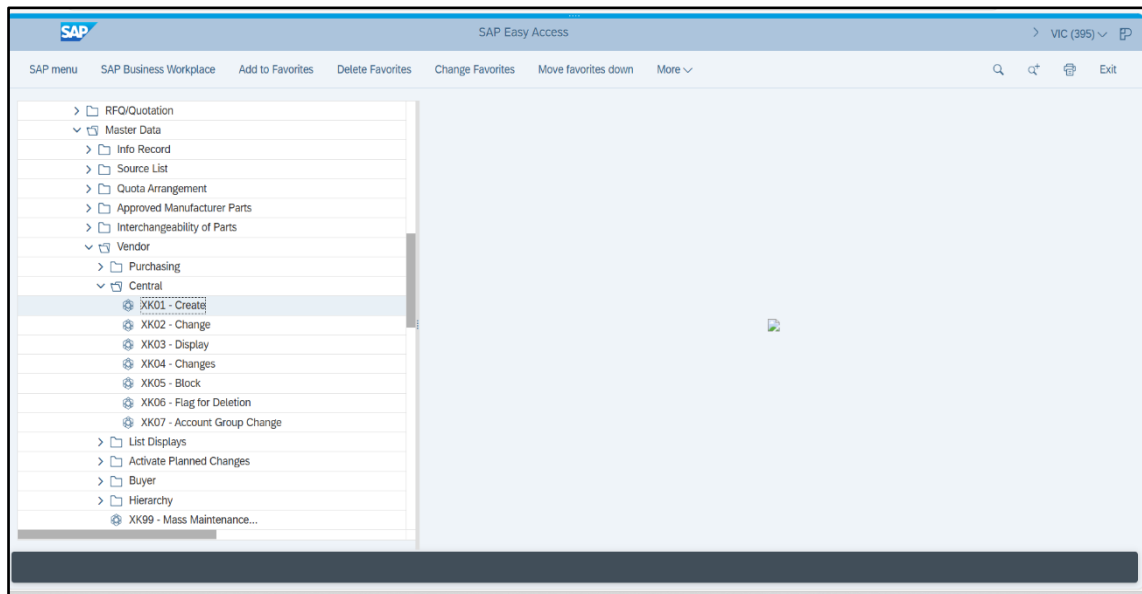
Descripción del Caso Global Bike Inc:

Global Bike Inc. es un escenario empresarial que permite simular operaciones reales de compras y logística dentro de SAP S/4HANA. En este caso, el estudiante asume funciones clave dentro de la cadena de suministro, como comprador, responsable de almacén y analista contable.

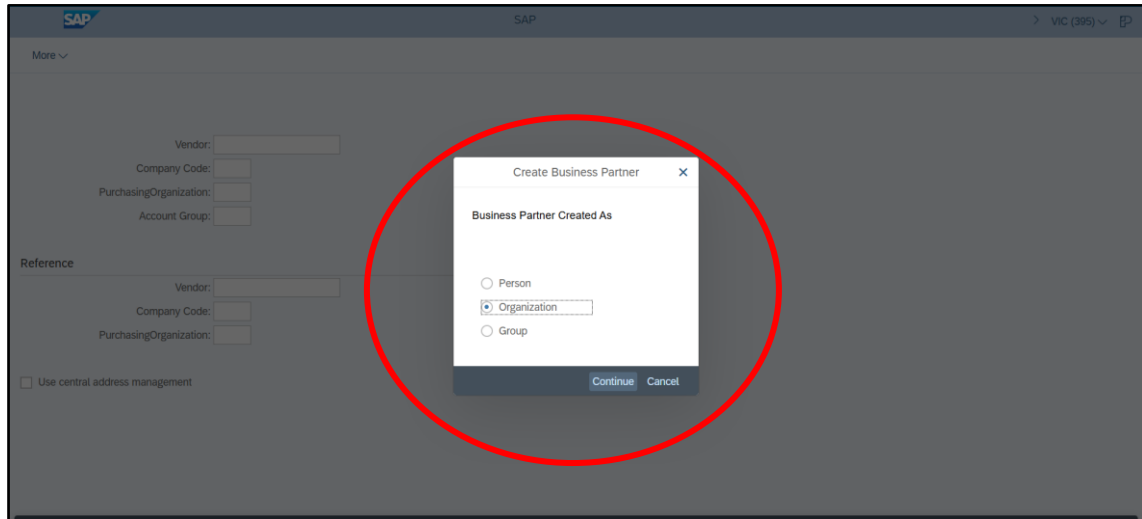
El flujo inicia con la creación del proveedor y del material, continúa con la generación de la requisición y la cotización, seguido de la orden de compra, la recepción de la mercancía, el registro de la factura del proveedor y culmina con el proceso de pago. Cada paso está diseñado para mostrar la integración entre los módulos MM, SD y FI dentro del ERP.

AG-1-PASO 1: CREAR NEW SUPPLIER-CREAR NUEVO PROVEEDOR

Logistics ► Materials Management ► Purchasing ► Master Data ► Vendor ► Central ► Create



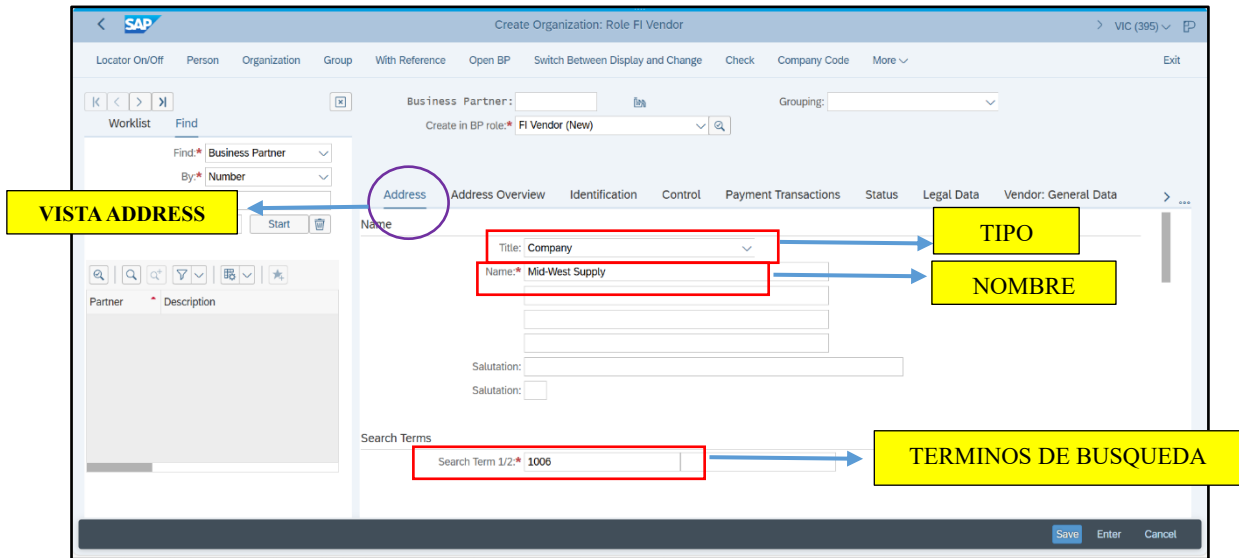
CREAR SOCIO COMERCIAL



BUSINESS PARTNER: Representa a cualquier socio comercial (**individuo, organización, grupo**) y centraliza la información de clientes, proveedores, bancos y otros, que antes se mantenía en tablas separadas.

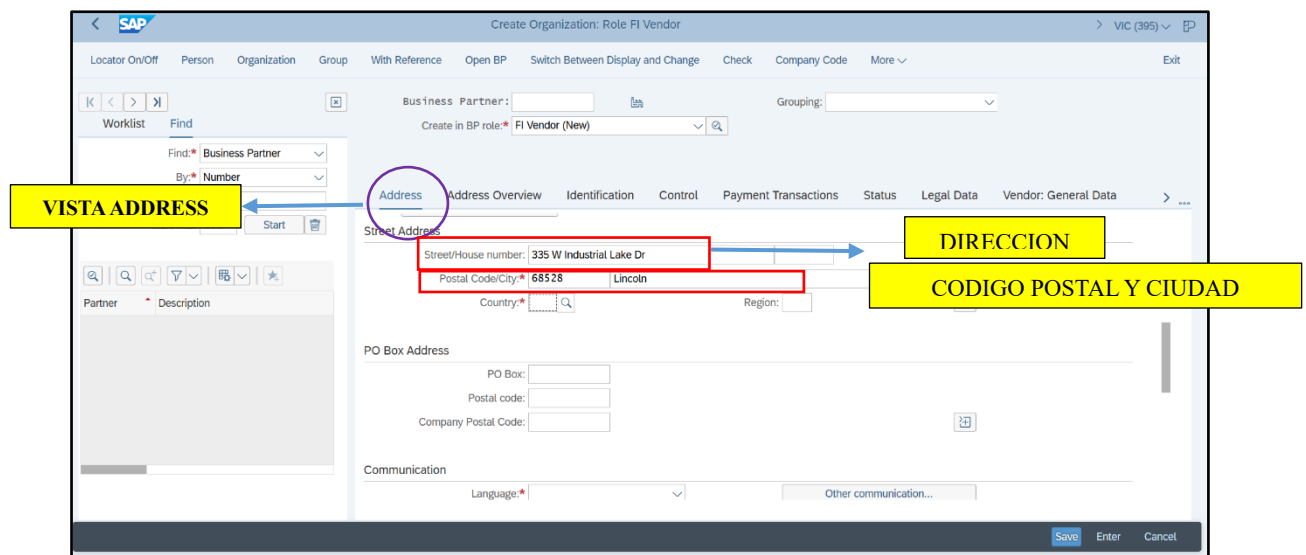
CREAR ROL DE ORGANIZACION

AGREGAR DATOS EN ADDRESS: TITULO-DIRECCION-SEARCH TERMS
(TERMINOS DE BUSQUEDA)



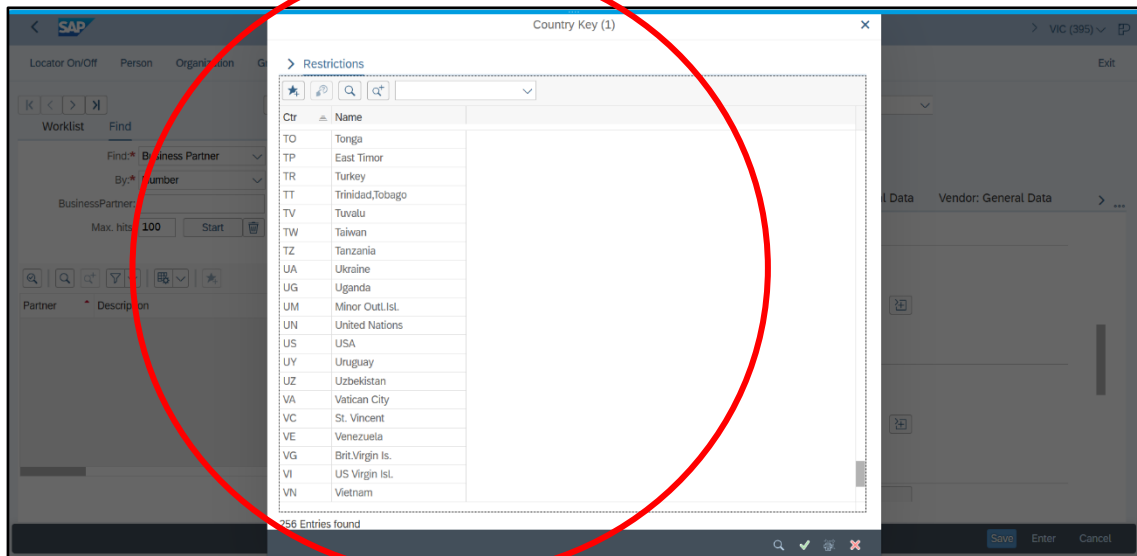
The screenshot shows the SAP 'Create Organization: Role FI Vendor' interface, specifically the 'Address' tab. The 'VISTA ADDRESS' label points to the 'Address' tab. The 'Title' field is set to 'Company' (labeled 'TIPO'). The 'Name' field is set to 'Mid-West Supply' (labeled 'NOMBRE'). The 'Search Term 1/Z' field is set to '1006' (labeled 'TERMINOS DE BUSQUEDA'). The 'Address Overview' tab is also visible.

CREAR ORGANIZACIÓN: COMPLETAR DATOS DEL PROVEEDOR

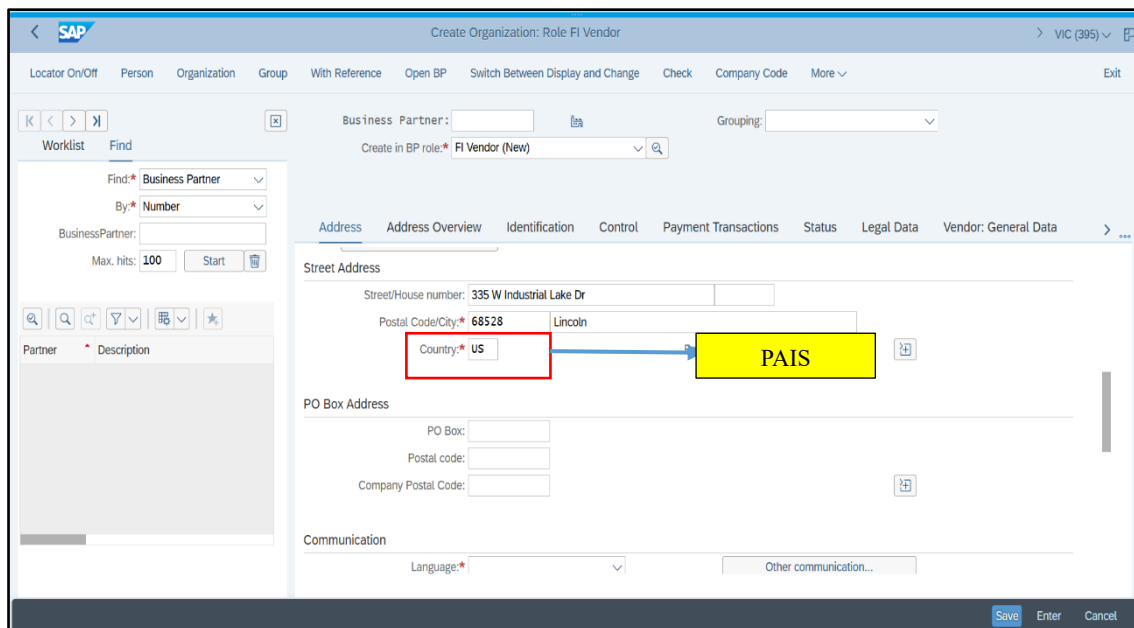


The screenshot shows the SAP 'Create Organization: Role FI Vendor' interface, specifically the 'Address' tab. The 'VISTA ADDRESS' label points to the 'Address' tab. The 'Street Address' section is highlighted, showing 'Street/House number' as '335 W Industrial Lake Dr' (labeled 'DIRECCION'), 'Postal Code/City' as '68528 Lincoln' (labeled 'CODIGO POSTAL Y CIUDAD'), and 'Country' as 'United States of America'. The 'PO Box Address' section is also visible, with fields for 'PO Box', 'Postal code', and 'Company Postal Code'. The 'Communication' section shows the 'Language' field set to 'English'.

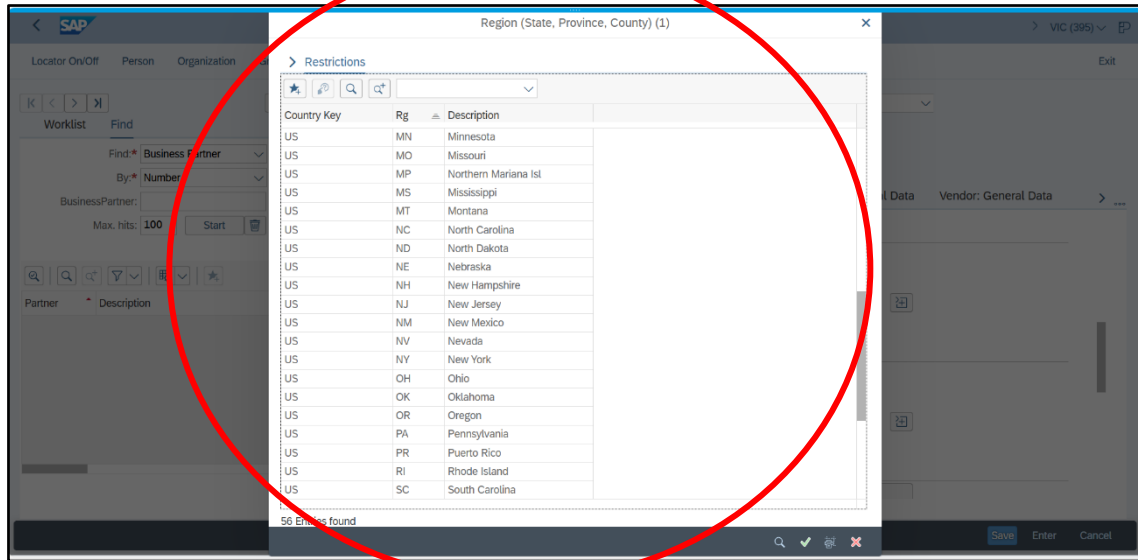
CREAR ORGANIZACIÓN: AGREGAR DATOS- PAIS (LISTADO DE PAISES)



CREAR ORGANIZACIÓN: PARA ESTE CASO SE ESCOGE “USA” – US.



CREAR ORGANIZACIÓN: AGREGAR DATOS- REGION (LISTADO DE REGIONES)

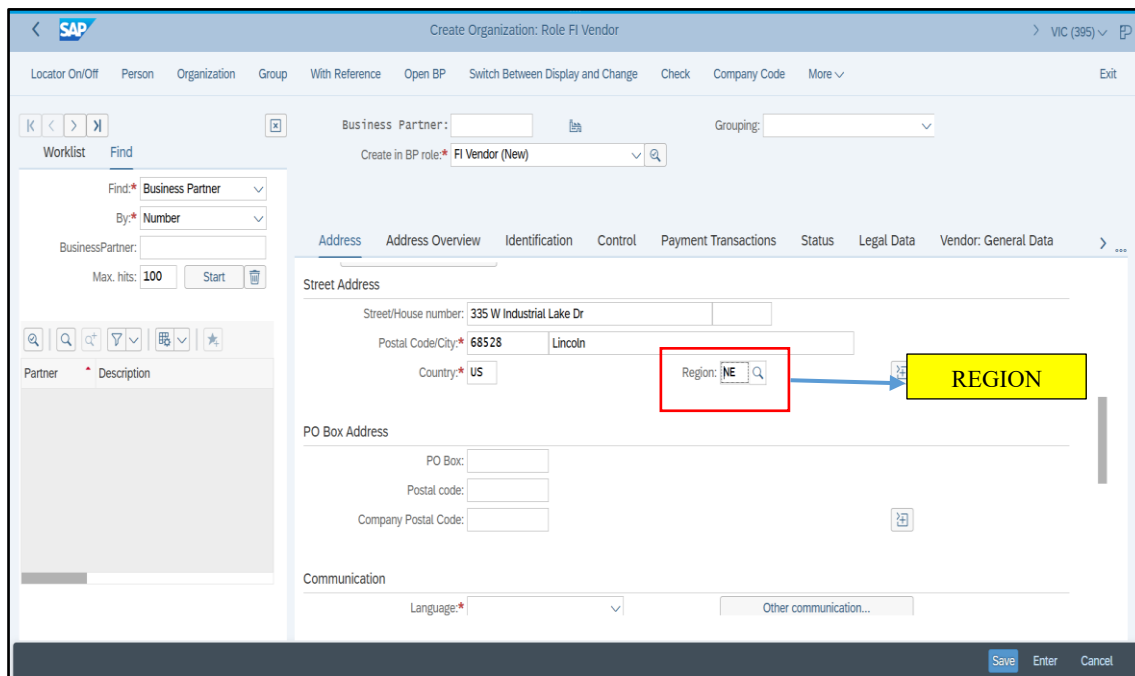


Country Key	Rg	Description
US	MN	Minnesota
US	MO	Missouri
US	MP	Northern Mariana Isl
US	MS	Mississippi
US	MT	Montana
US	NC	North Carolina
US	ND	North Dakota
US	NE	Nebraska
US	NH	New Hampshire
US	NJ	New Jersey
US	NM	New Mexico
US	NV	Nevada
US	NY	New York
US	OH	Ohio
US	OK	Oklahoma
US	OR	Oregon
US	PA	Pennsylvania
US	PR	Puerto Rico
US	RI	Rhode Island
US	SC	South Carolina

56 Entries found



CREAR ORGANIZACIÓN: PARA ESTE CASO SE ESCOGE “NEBRASKA” – NE



Business Partner: Grouping:

Create in BP role: FI Vendor (New)

Address Address Overview Identification Control Payment Transactions Status Legal Data Vendor: General Data

Street Address

Street/House number: 335 W Industrial Lake Dr

Postal Code/City: 68528 Lincoln

Country: US

Region: NE

PO Box Address

PO Box:

Postal code:

Company Postal Code:

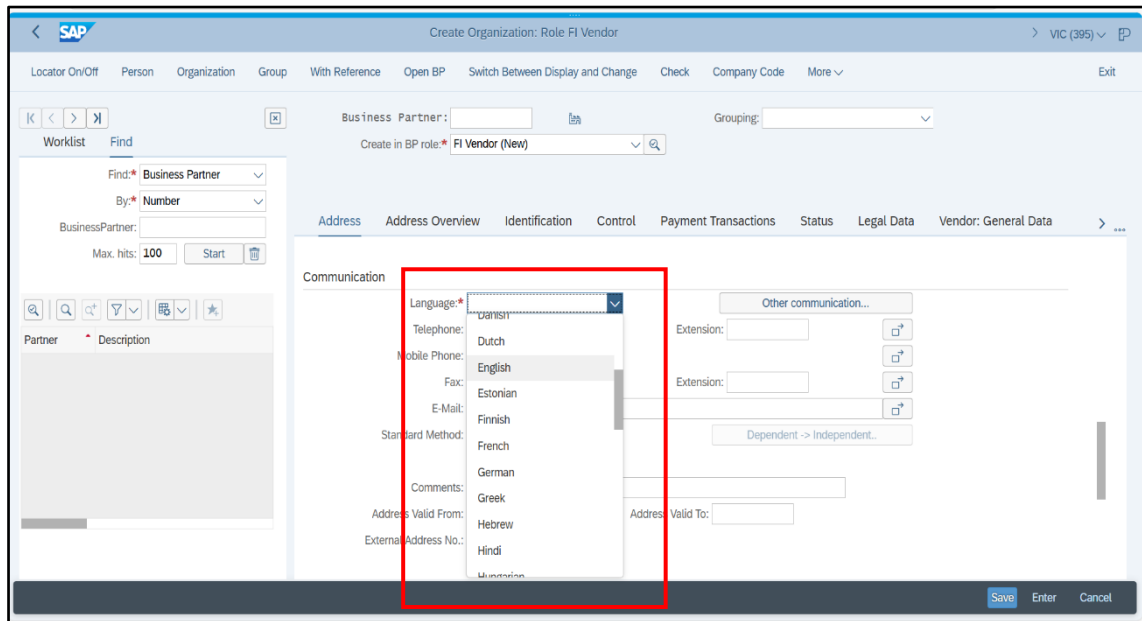
Communication

Language:

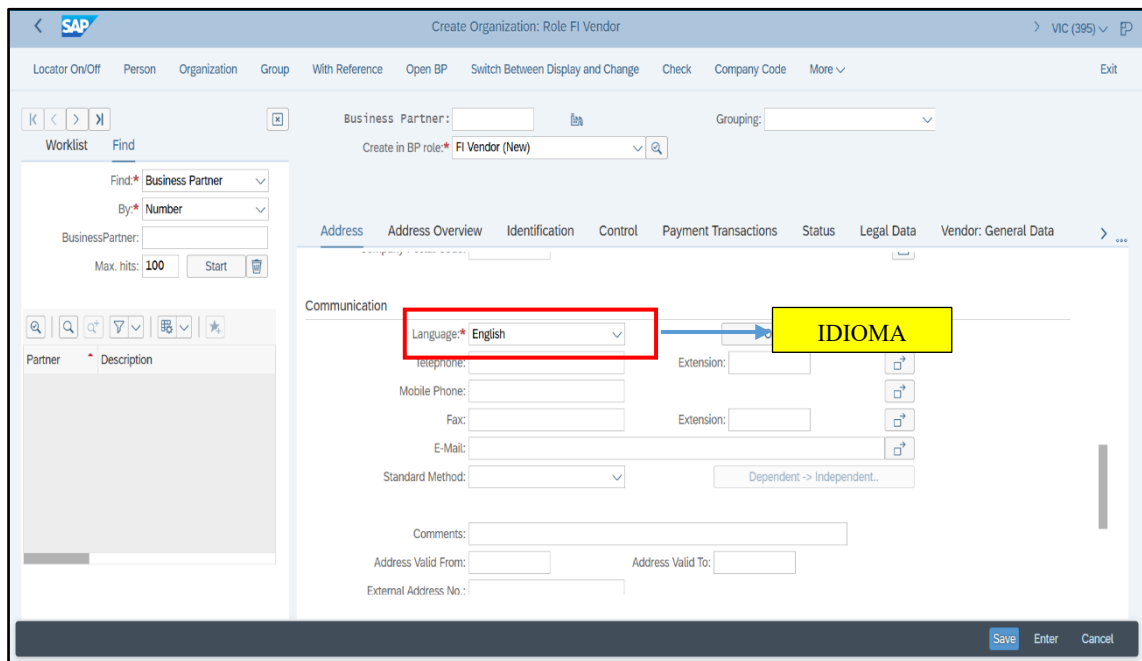
Other communication...

Save Enter Cancel

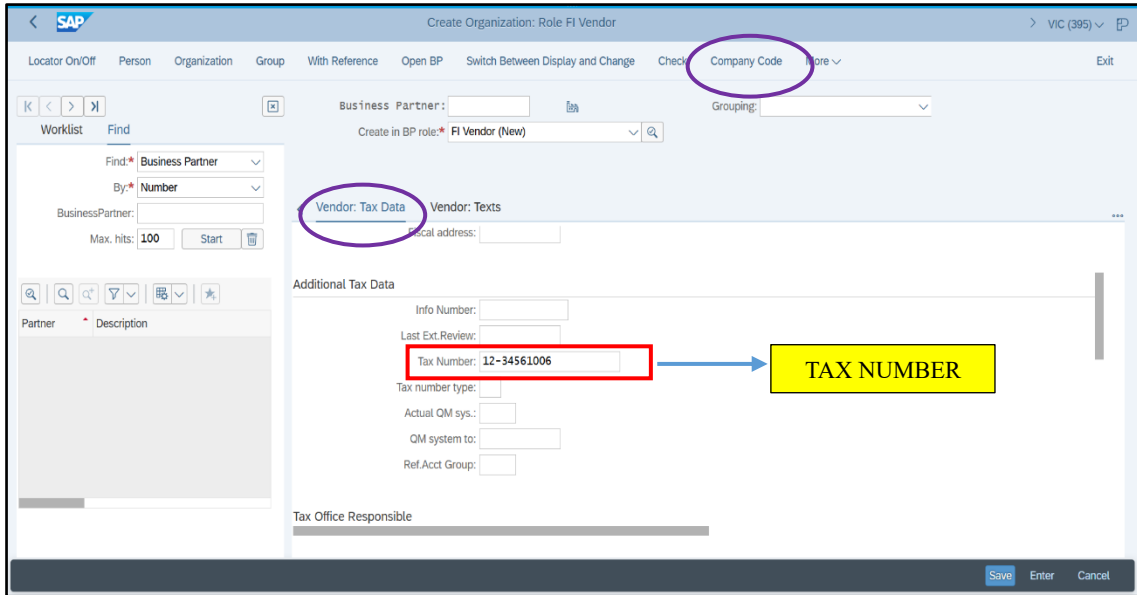
CREAR ORGANIZACIÓN: AGREGAR DATOS-IDIOMA(VER LISTADO)



CREAR ORGANIZACIÓN: SELECCIONAR -ENGLISH (LANGUAGE)



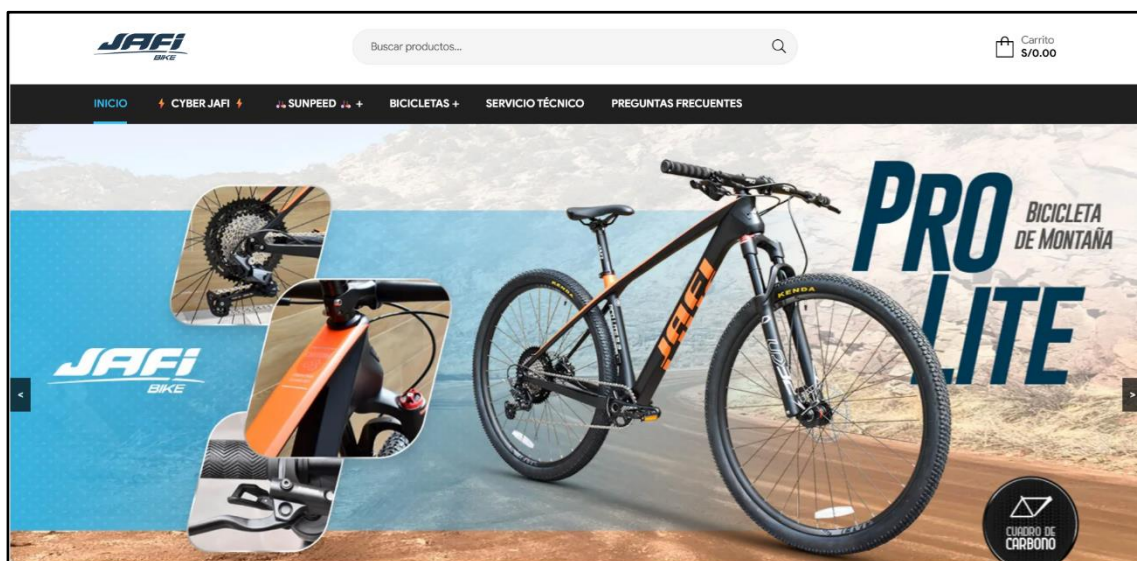
CREAR ORGANIZACIÓN: EN LA VISTA VENDOR: TAX DATA-AGREGAR TAX NUMBER- LUEGO CLICK EN COMPANY CODE



A pesar de que el manual de SAP proporciona un tax ID de proveedor de ejemplo, hemos optado por sustituirlo con la información real de una empresa peruana. Esta compañía, cuya actividad principal es la venta de bicicletas y cadenas, ha sido investigada para asegurar que el dato de su RUC (tax ID) sea auténtico y relevante para la simulación.

El proveedor identificado es CIUDAD BICI S.A.C., con nombre comercial “JAFI BIKE S.R.L”, cuyo número de RUC es 20296222993.

Adjuntamos a continuación la información obtenida de la página oficial de la SUNAT.

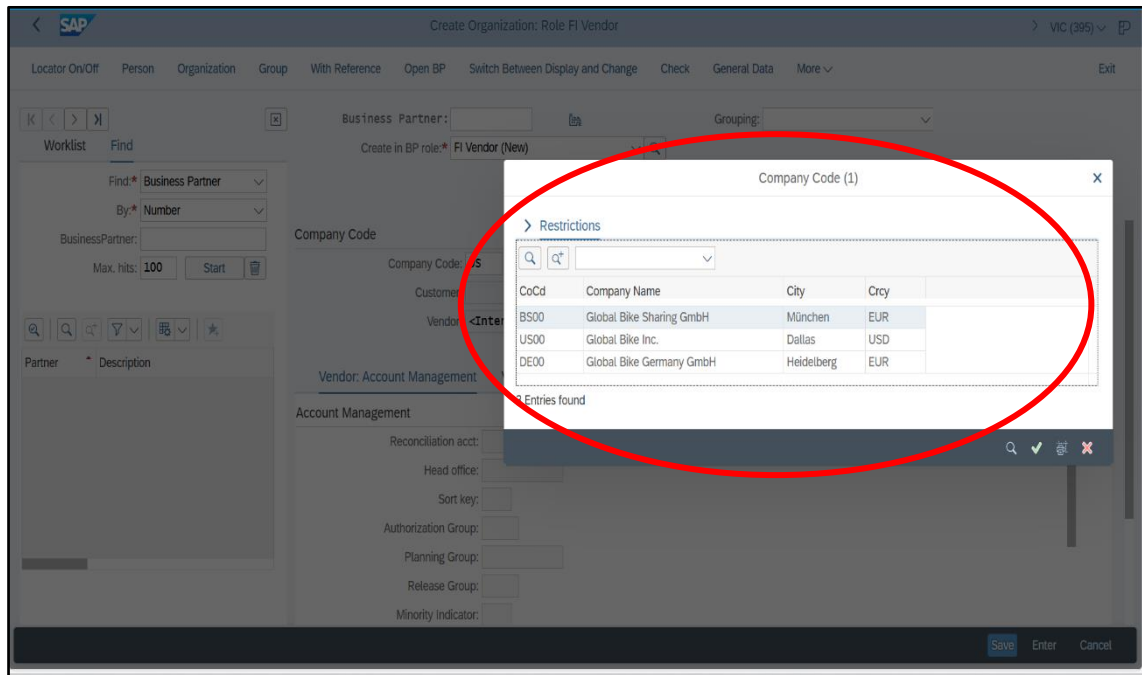




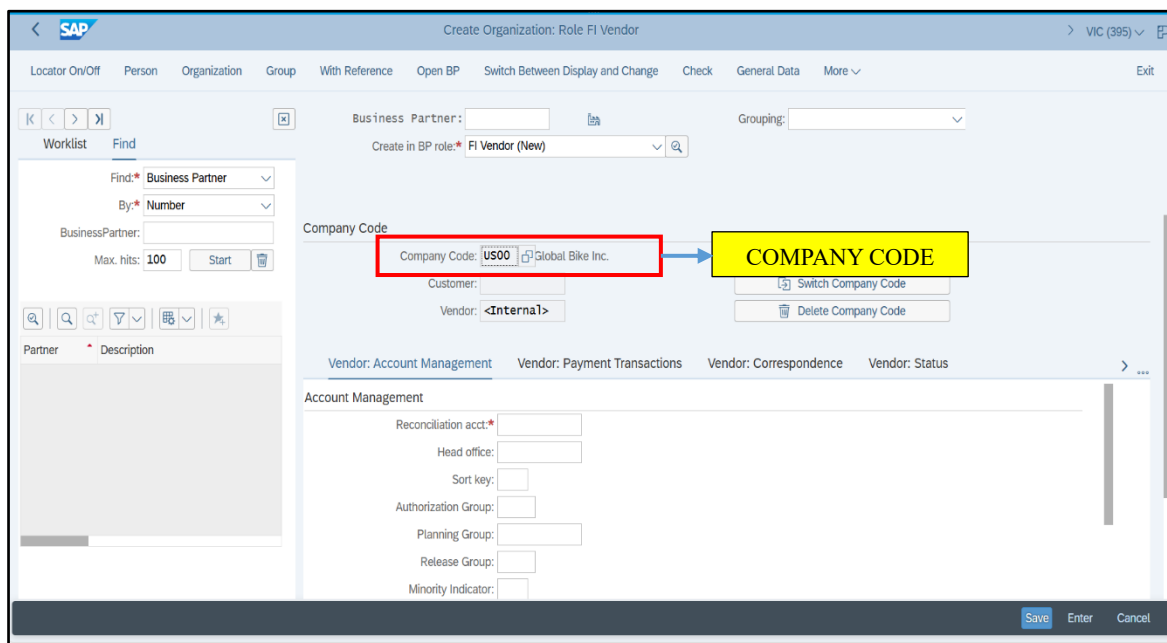
FICHA RUC

Resultado de la Búsqueda			
Número de RUC:	20296222993 - JESUS ALIAGA FABIAN INDUSTRIAL BIKE SRL		
Tipo Contribuyente:	SOC.COM.RESPONS. LTDA		
Nombre Comercial:	JAFI BIKE SRL		
Fecha de Inscripción:	16/11/1995	Fecha de Inicio de Actividades:	16/11/1995
Estado del Contribuyente:	ACTIVO		
Condición del Contribuyente:	HABIDO		
Domicilio Fiscal:	---DOS DE MAYO NRO. 565 LIMA - LIMA - SAN ISIDRO		
Sistema Emisión de Comprobante:	MANUAL/COMPUTARIZADO	Actividad Comercio Exterior:	IMPORTADOR/EXPORTADOR
Sistema Contabilidad:	COMPUTARIZADO		
Actividad(es) Económica(s):	Principal - 4649 - VENTA AL POR MAYOR DE OTROS ENSERES DOMÉSTICOS Secundaria 1 - 4763 - VENTA AL POR MENOR DE EQUIPO DE DEPORTE EN COMERCIOS ESPECIALIZADOS		
Comprobantes de Pago c/aut. de impresión (F. 806 u 816):	FACTURA BOLETA DE VENTA NOTA DE CREDITO NOTA DE DEBITO GUIA DE REMISION - REMITENTE		
Sistema de Emisión Electrónica:	DESDE LOS SISTEMAS DEL CONTRIBUYENTE. AUTORIZ DESDE 18/10/2018		
Emisor electrónico desde:	18/10/2018		
Comprobantes Electrónicos:	FACTURA (desde 18/10/2018),BOLETA (desde 18/10/2018)		
Afiliado al PLE desde:	01/01/2014		
Padrones:	NINGUNO		

CREAR ORGANIZACIÓN: LUEGO ESCOGER EL COMPANY CODE -SEGÚN EL CASO.



CREAR ORGANIZACIÓN: SE SELECCIONO-US00-DALLAS-GBI INC



FICHA TECNICA



MOTOR, PRESTACIONES Y CONSUMO

Motor de combustión interna	KOR EK80
Tipo de combustible	Gasolina
Potencia nominal	3 HP
Tipo de Motor	2 tiempos
cilindrada	78 cc
Autonomía ciudad	90 Km aprox.
Encendido	CDI

EMBRAGUE

Tipo	Disco, arrastre progresivo.
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TRANSMISION

Tipo	Cadena con cambio Shimano Tourney, 7 velocidades
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TANQUE DE COMBUSTIBLE

Capacidad	2 litros
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DIMENSIONES, PESO, CAPACIDADES

Largo	1042 mm
Ancho	594 mm
Alto	1092 mm
Peso total	22 Kg

CHASIS

Material marco	Aluminio 6061
Frenos delanteros	V - brake, C-Star. Shimano BR T400
Frenos traseros	V - brake, C-Star. Shimano BR T400
Neumático delantero	Neumático Kenda
Neumático trasero	Neumático Kenda
Rueda delantera	600 mm
Rueda trasera	600 mm
Puños	Velo sintético
Asiento	Velo plus
Tija del asiento	Abatible
Pedales	Plástico plegables

1. FICHA TECNICA DEL PRODUCTO

NOMBRE DEL PRODUCTO	
MARCO MTB MAVIC	
TIPO	Bicicleta de mountainbike
DETALLE	Marco en Aluminio para bicicleta de Todo Terreno Mavic rin 29
CARACTERÍSTICAS	Material: Aluminio Guías de cableado interno Frenos: De disco Caña: 31.6 mm Abrazadera: 34.9 mm Centro: Roscada 1.37x24mm Juego Dirección: 1-1/8 (105439 - 105440) Peso: 4lb - talla M" Modalidad: MTB / XC
DESCRIPCION	Es un marco para una bicicleta de montaña moderna elaborado en aluminio, se caracteriza por ser liviana y rígida Ideal Para los corredores de nivel básico que buscan cubrir terrenos suaves cuenta para un sistema de frenos de disco hidráulicos que para mayor potencia y mejor modulación. El aluminio brinda una gran transferencia de potencia gracias al grosor de los tubos utilizados, mientras cuentan con un peso bajo estos tubos con diferentes espesores de pared son más delgados en el centro donde la resistencia no es tan crucial como en los extremos soldados. Elegir un marco de aluminio puede proporcionar una solución rentable para aquellos que buscan buen rendimiento dentro de un presupuesto cómodo.
MODO DE EMPLEO	En talleres de mecánica para bicicletas el marco de aluminio se le realiza el proceso de ensamble de diferentes elementos que hacen parte de la bicicleta, como son la cámara, la horquilla, el sistema de frenos, las bielas, los cambios y demás accesorios. ALUMINIO 6061 - El aluminio 6061 es una aleación de aluminio endurecido que contiene como principales elementos aluminio, magnesio y silicio. - Originalmente denominado "aleación 61S" fue desarrollada en 1935. - Tiene buenas propiedades mecánicas y para su uso en soldaduras. - Es una de las aleaciones de aluminio más comunes para uso general. Se emplea comúnmente en formas pre templadas como el 6061-O y las templadas como el 6061-T6 y 6061-T651. Usos - Es usado en todo el mundo para los moldes de inyección y soplado - construcción de estructuras de aeronaves, como las alas y el fuselaje de aviones comerciales y de uso militar; en refacciones industriales - en la construcción de yates, incluidos pequeñas embarcaciones, en piezas de automóviles, motos y marcos para bicicletas. - Es fácil de maquinar y resistente a la corrosión.



FICHA DEL PROVEEDOR



FICHA DE DATOS DE PROVEEDOR

IDENTIFICACION

Tipo de Persona:	Natural ☐	Juridica ☒
* Nacionalidad:	PERUANA	
* Razón Social:	JESUS ALIAGA FABIAN INDUSTRIAL BIKE SRL	
* Nombre Comercial:	JAFI BIKE SRL	

INFORMACION GENERAL

* Dirección:	AV. DOS DE MAYO NRO. 565 LIMA - LIMA - SAN ISIDRO	
Sitio Web	https://www.jafibike.com.pe/?srsltid=AfmBOopAsRrwx7As8efmuXuUKK0Yrazrh_hHMW340mFPSiED7wmvJazU	
* Teléfono(s):	999996767	961017406
* Departamento:	LIMA	
* Persona Contacto:	CAROLINA MONTES	
* Teléfono(s):	961010502	
* Correo Electrónico:	ventas@jafibike.com	
* Política Crediticia:	CREDITO	

SUCURSALES

Sucursal	LA VICTORIA
Dirección:	JR. JAVIER LUNA PIZARRO NRO. 130
Correo Electrónico:	ventas@jafibike.com

REPRESENTACION LEGAL

Representante Legal:	CESAR ALFREDO JESUS DAVILA		
Sub-Represente Legal:	PAOLA DAVILA HIDALGO		
Teléfono(s):	920107891	975495502	

AREAS QUE CUBRE COMO PROVEEDOR

Suministro de Bienes

Bicicletas Montañeras		Cascos	
Bicicletas Urbanas		Gafas o Lentes	
Bicicletas de ruta		Cortavientos	
Bicicletas electricas		Manguillas	
Bicicletas híbridas		Gorra de ciclismo	
Bicicletas Gravel		Culotte (Lycra con tirantes o pantalón)	
Bicicletas infantiles		Maillot (Jersey)-camiseta	
Baterías de bicicletas electricas		Medias (Calcetines) de Ciclismo	

Prestadores de Servicios

Mantenimiento bicicletas	
Garantía	
Acabados	
Reposicion de cuadros	
Adquisicion de componentes	

Otros Rubros Especificar:	
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FECHA:

FIRMA Y SELLO:



Proveedor: Gestión de cuentas

Reconciliation act(Cuenta de conciliación):SELECCIONAR

Reconciliation acct (1)

G/L Acct	Long Text
300000	Payables-Trade Accounts

1 Entry found

Account Management

Reconciliation acct:* 300000

Head office:

Sort key:

Authorization Group:

Planning Group:

Release Group:

Minority Indicator:

ACCOUNT MANAGEMENT: AGREGAR 300000 Payables-Trade Accounts
(Cuentas por pagar)

Reconciliation acct:* 300000

RECONCILIATION ACT

Account Management

Head office:

Sort key:

Authorization Group:

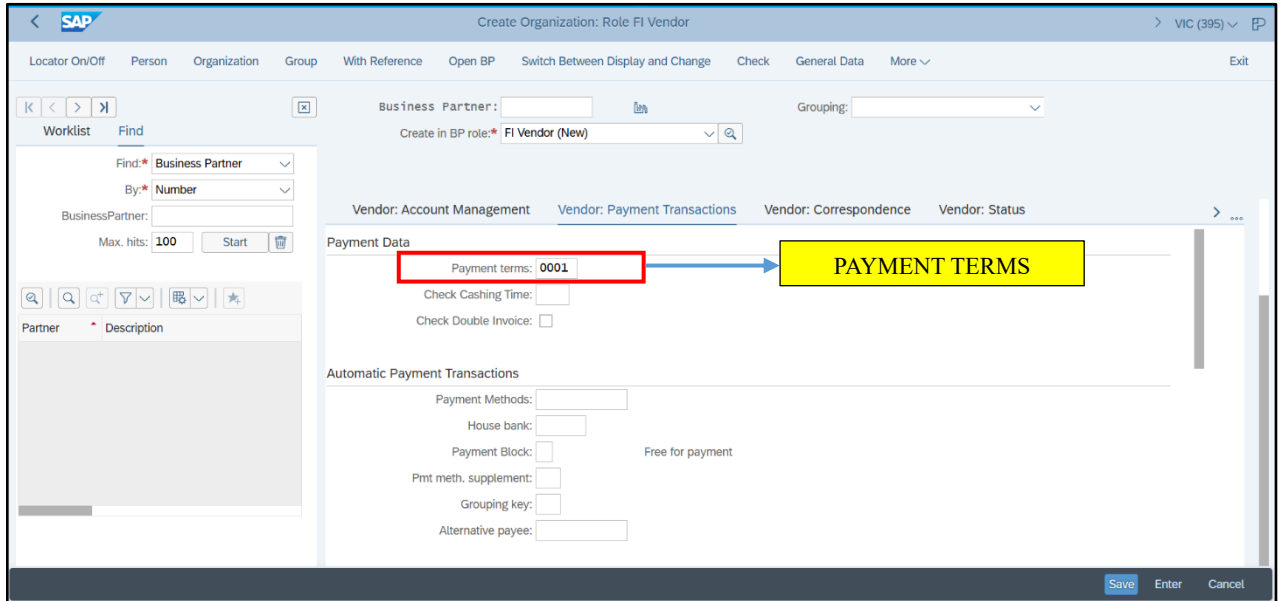
Planning Group:

Release Group:

Minority Indicator:

Certification Date:

Proveedor: Transacciones de pago- VENDOR: PAYMENT TRANSACTIONS:
AGREGAR EN PAYMENT DATA- PAYMENT TERMS: 0001



Locator On/Off Person Organization Group With Reference Open BP Switch Between Display and Change Check General Data More ▾ Exit

Business Partner: Grouping:

Create in BP role: FI Vendor (New)

Vendor: Account Management Vendor: Payment Transactions Vendor: Correspondence Vendor: Status

Payment Data

Payment terms: 0001

Check Cashing Time:

Check Double Invoice: ☐

Automatic Payment Transactions

Payment Methods:

House bank:

Payment Block: ☐ Free for payment

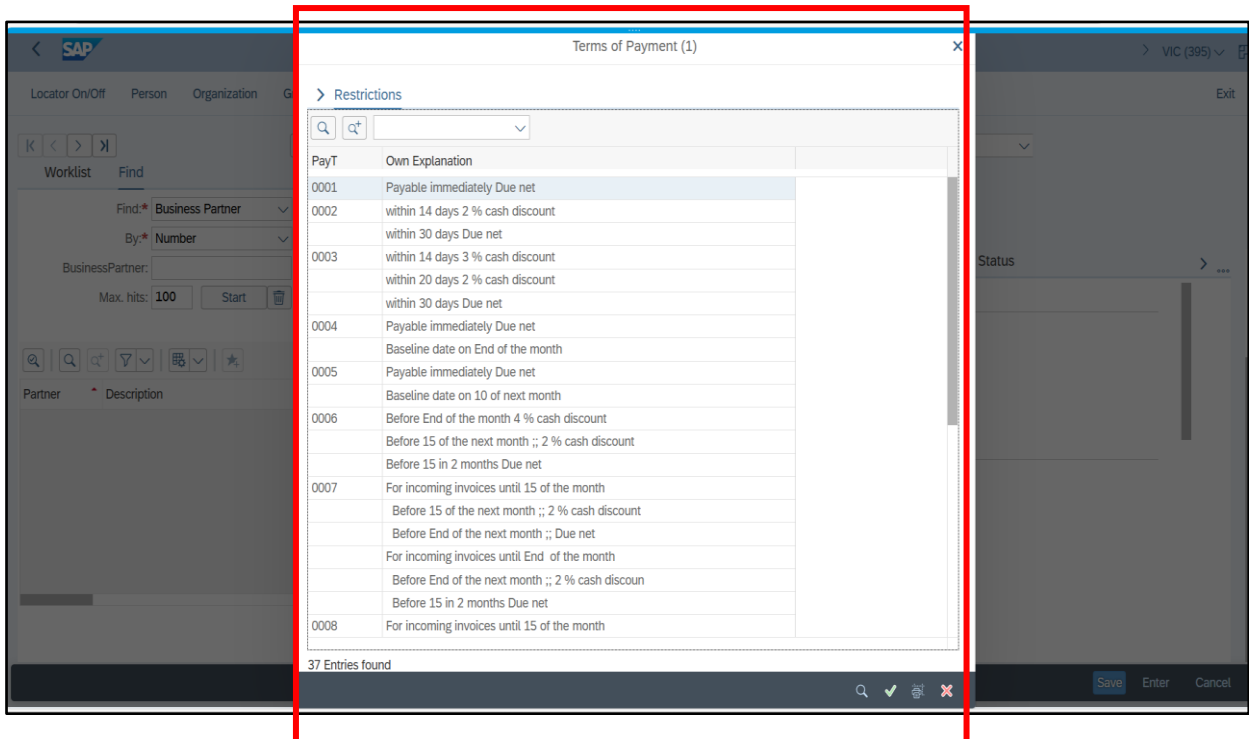
Pmt meth. supplement:

Grouping key:

Alternative payee:

Save Enter Cancel

Proveedor: Transacciones de pago- TEMS OF PAYMENT - LISTADO
 pagar el total de la factura sin descuentos.



Terms of Payment (1)

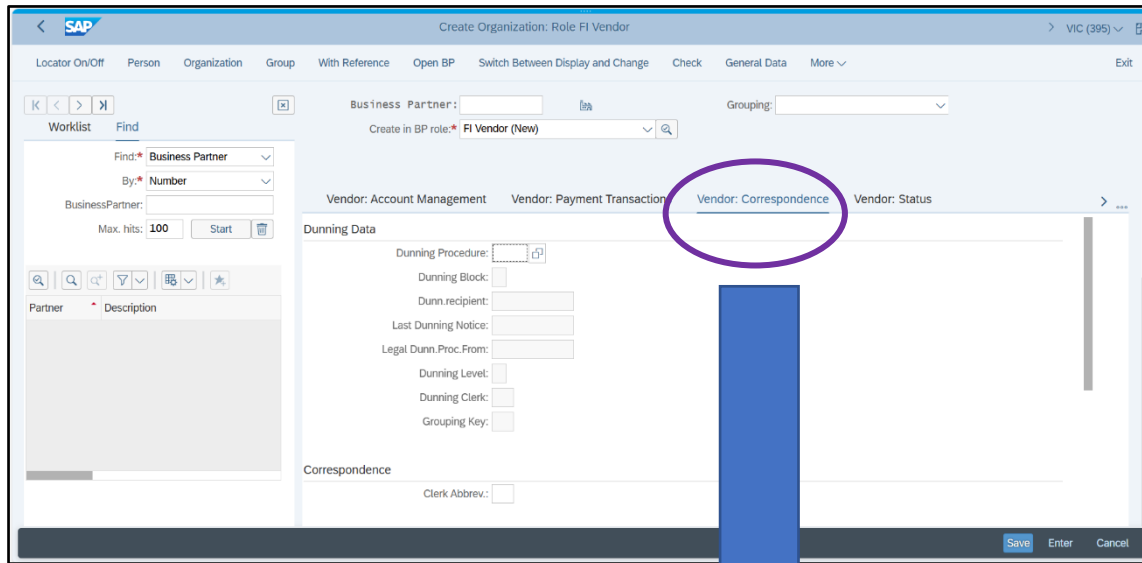
> Restrictions

PayT	Own Explanation
0001	Payable immediately Due net
0002	within 14 days 2 % cash discount
	within 30 days Due net
0003	within 14 days 3 % cash discount
	within 20 days 2 % cash discount
	within 30 days Due net
0004	Payable immediately Due net
	Baseline date on End of the month
0005	Payable immediately Due net
	Baseline date on 10 of next month
0006	Before End of the month 4 % cash discount
	Before 15 of the next month ;; 2 % cash discount
	Before 15 in 2 months Due net
0007	For incoming invoices until 15 of the month
	Before 15 of the next month ;; 2 % cash discount
	Before End of the next month ;; Due net
	For incoming invoices until End of the month
	Before End of the next month ;; 2 % cash discount
	Before 15 in 2 months Due net
0008	For incoming invoices until 15 of the month

37 Entries found

Save Enter Cancel

ENTRANDO A LA VISTA VENDOR CORRESPONDENCE- CORRESPONDENCIA DEL PROVEEDOR



SAP Create Organization: Role FI Vendor

Locator On/Off Person Organization Group With Reference Open BP Switch Between Display and Change Check General Data More

Business Partner: Grouping: Create in BP role: FI Vendor (New)

Find Business Partner By: Number BusinessPartner: Max. hits: 100 Start

Partner Description

Vendor: Account Management Vendor: Payment Transaction **Vendor: Correspondence** Vendor: Status

Dunning Data

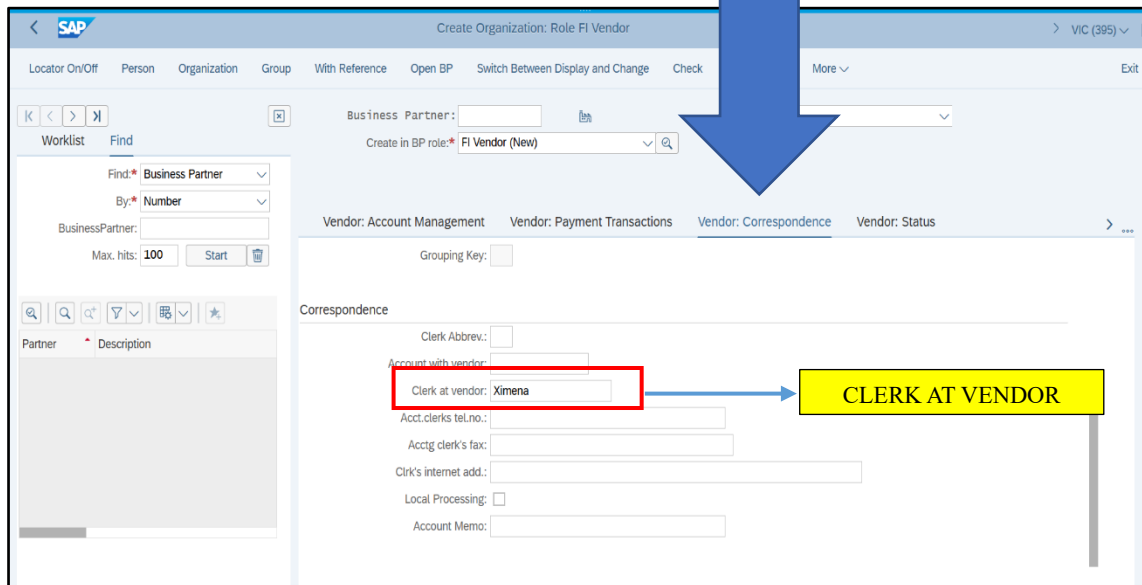
Dunning Procedure: Dunning Block: Dunn.recipient: Last Dunning Notice: Legal Dunning Proc.From: Dunning Level: Dunning Clerk: Grouping Key:

Correspondence

Clerk Abbrev.:

Save Enter Cancel

Escribir al responsable



SAP Create Organization: Role FI Vendor

Locator On/Off Person Organization Group With Reference Open BP Switch Between Display and Change Check More

Business Partner: Grouping: Create in BP role: FI Vendor (New)

Find Business Partner By: Number BusinessPartner: Max. hits: 100 Start

Partner Description

Vendor: Account Management Vendor: Payment Transactions **Vendor: Correspondence** Vendor: Status

Grouping Key:

Correspondence

Clerk Abbrev.:

Account with vendor:

Clerk at vendor: Ximena

Acct.clerks tel.no.:

Acctg clerk's fax:

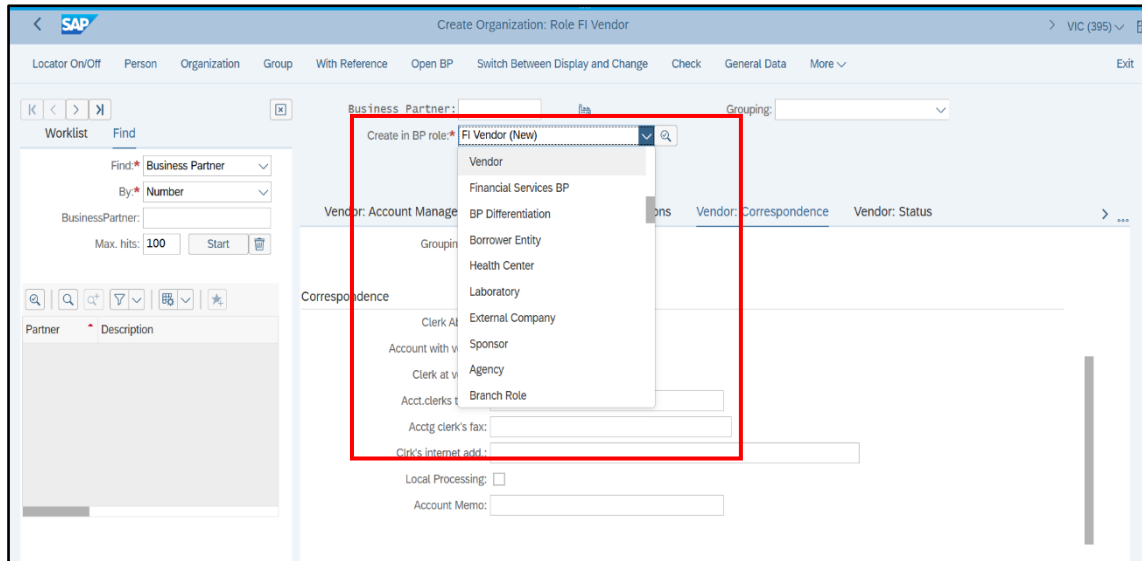
Clerk's internet add.:

Local Processing:

Account Memo:

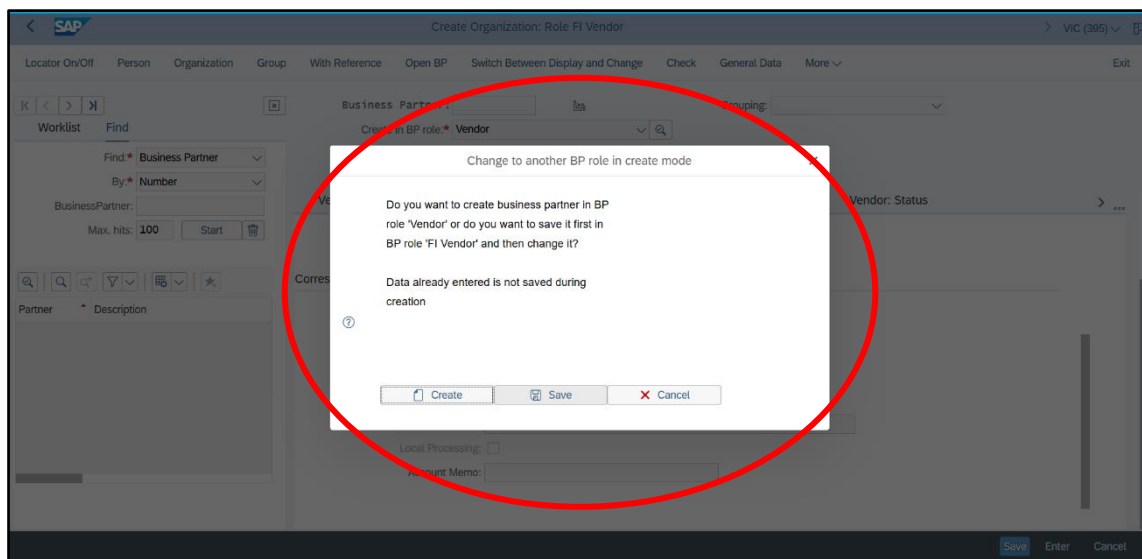
CLERK AT VENDOR

Crear organización: Create in BP ROLE (Crear de rol de socio comercial)-
seleccionar Vendor

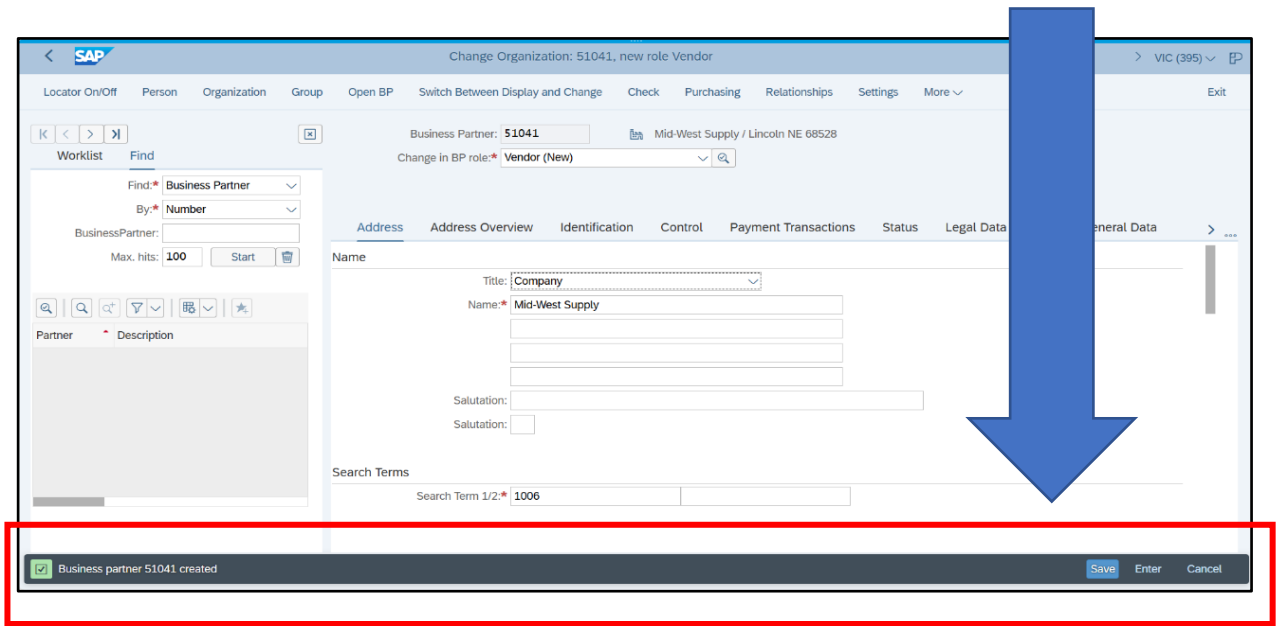


Formalizar como proveedor:

click SAVE



PROVEEDOR SE HA CREADO- BUSINESS PARTNER: 51041



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check Purchasing Relationships Settings More

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

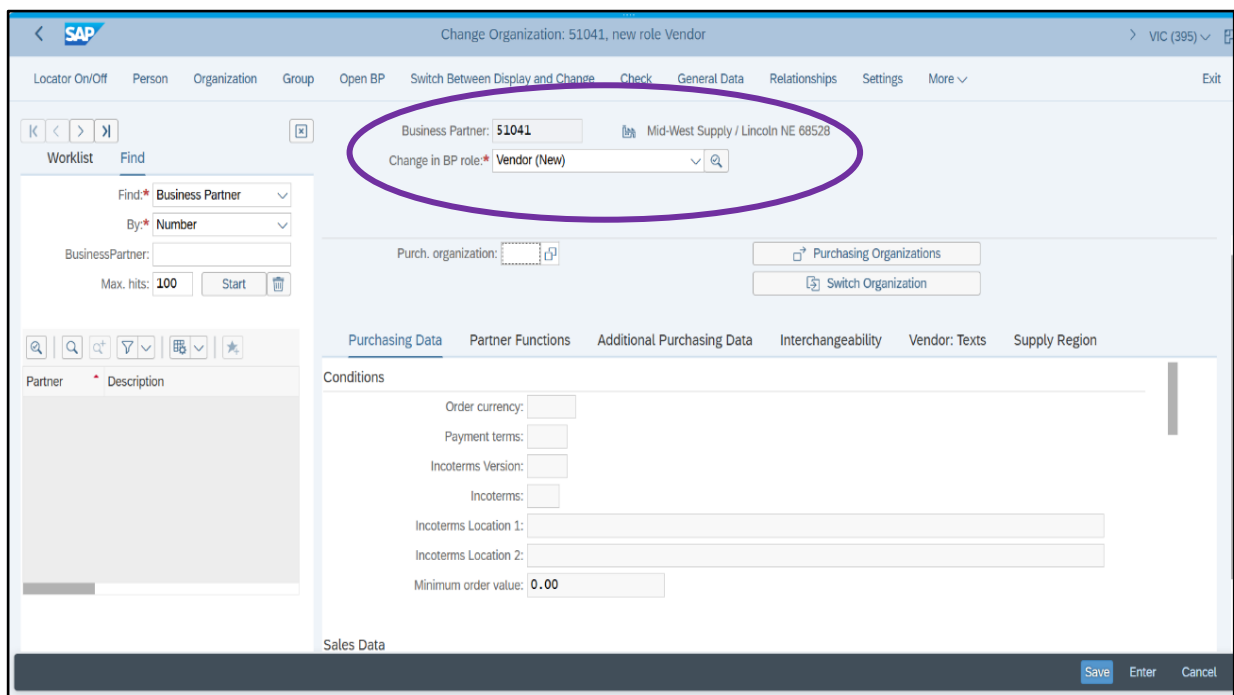
Find Business Partner By: Number BusinessPartner: Max. hits: 100 Start

Partner Description

Name Title: Company Name: Mid-West Supply Salutation: Search Terms Search Term 1/2: 1006

Business partner 51041 created Save Enter Cancel

Aquí se ve registrado la nueva creación



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check General Data Relationships Settings More

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

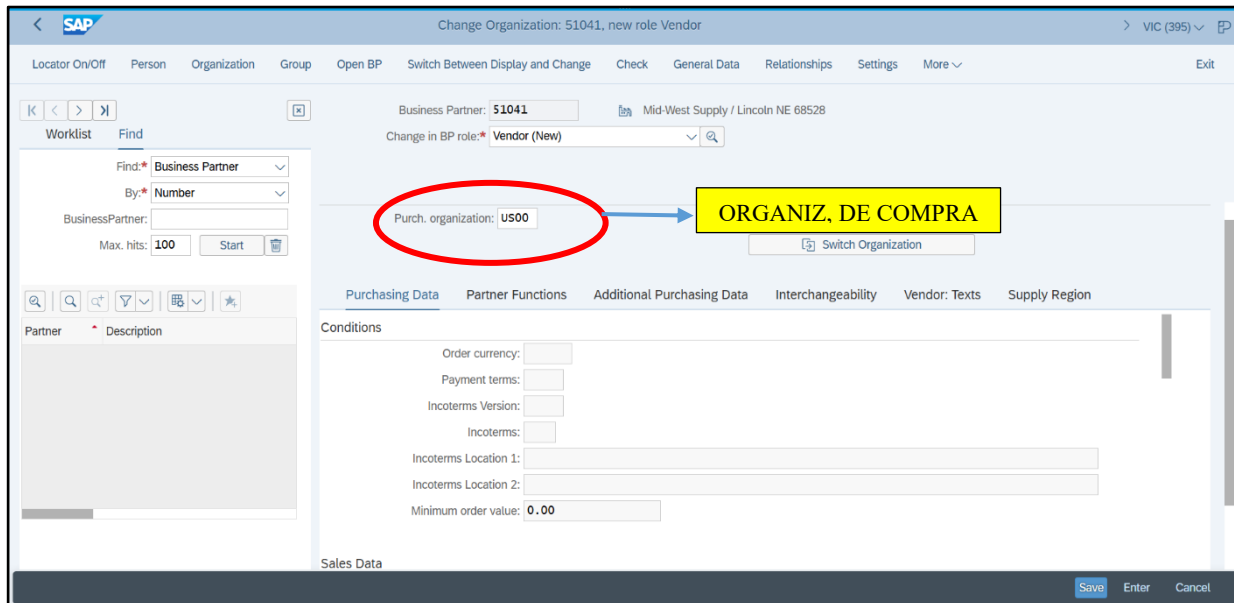
Purch. organization: Purchasing Organizations Switch Organization

Purchasing Data Partner Functions Additional Purchasing Data Interchangeability Vendor: Texts Supply Region

Conditions Order currency: Payment terms: Incoterms Version: Incoterms: Incoterms Location 1: Incoterms Location 2: Minimum order value: 0.00

Sales Data Save Enter Cancel

Aquí - EN PURCH.ORGANIZATION- COLOCAR SEGÚN EL CASO- US00



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check General Data Relationships Settings More v Exit

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

Purch. organization: US00

ORGANIZ. DE COMPRA

Switch Organization

Purchasing Data Partner Functions Additional Purchasing Data Interchangeability Vendor: Texts Supply Region

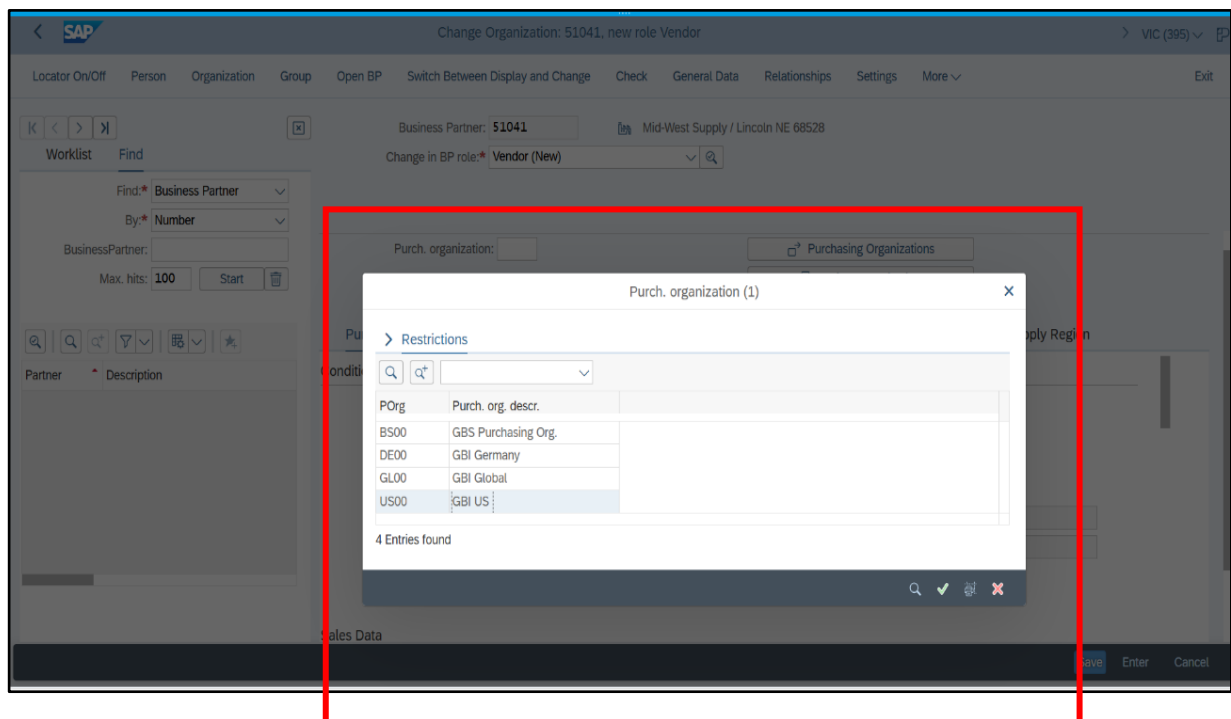
Conditions

Order currency: Payment terms: Incoterms Version: Incoterms: Incoterms Location 1: Incoterms Location 2: Minimum order value: 0.00

Sales Data

Save Enter Cancel

Aquí hay un listado- EN PURCH.ORGANIZATION- COLOCAR SEGÚN EL CASO



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check General Data Relationships Settings More v Exit

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

Purch. organization: Purchasing Organizations

Purch. organization (1)

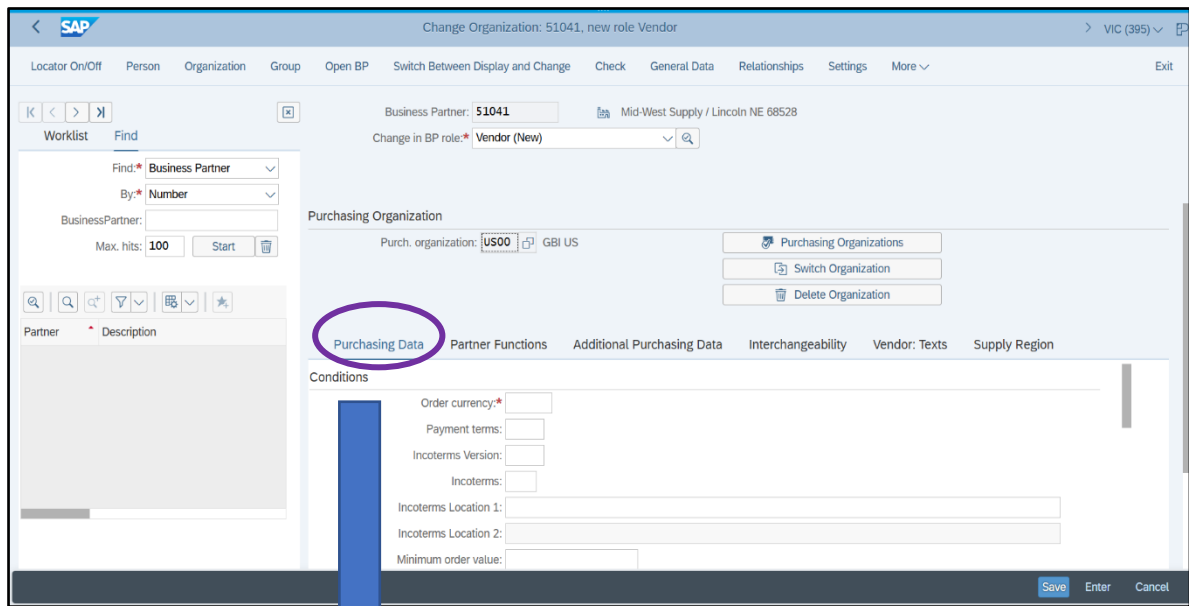
> Restrictions

PORG	Purch. org. descr.
BS00	GBS Purchasing Org.
DE00	GBI Germany
GL00	GBI Global
US00	GBI US

4 Entries found

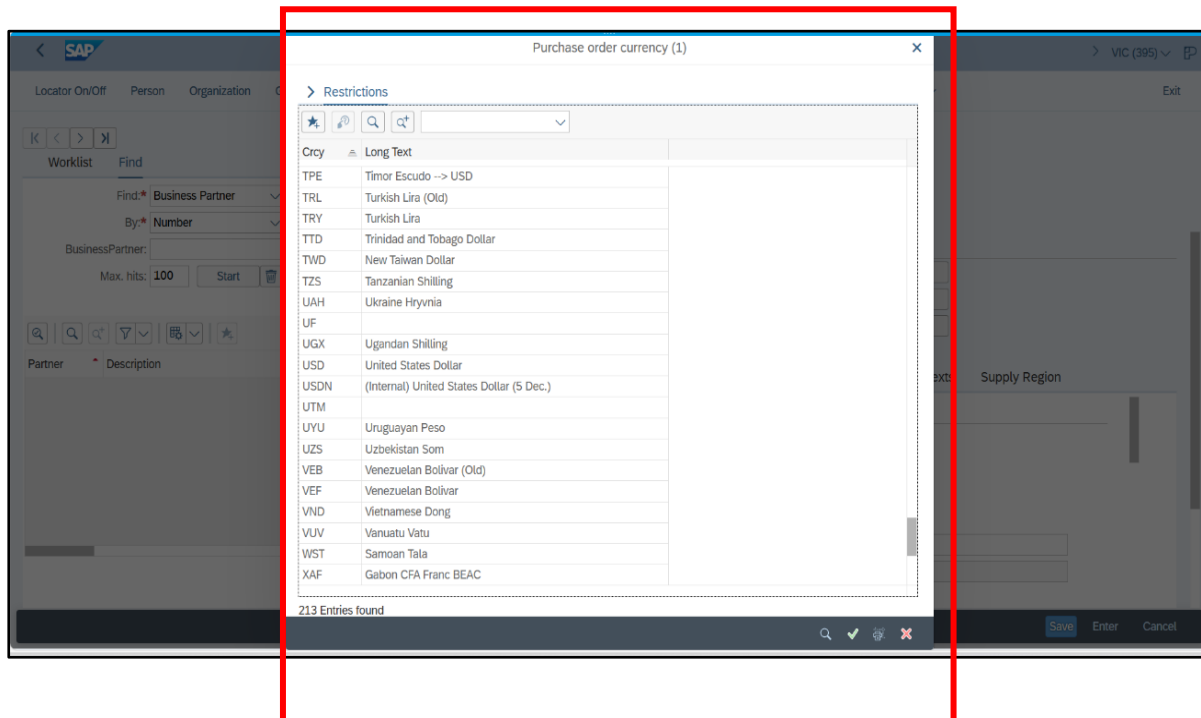
Save Enter Cancel

AQUI- EN PURCHASING DATA- AGREGAR DATOS



The screenshot shows the SAP 'Change Organization' screen for Business Partner 51041. The 'Purchasing Organization' section is active, showing 'Purch. organization: US00' and 'GBI US'. A purple circle highlights the 'Purchasing Data' tab. A large blue arrow points from this tab to the 'Conditions' section below, which contains fields for 'Order currency', 'Payment terms', 'Incoterms Version', 'Incoterms', 'Incoterms Location 1', 'Incoterms Location 2', and 'Minimum order value'.

AQUÍ EN CONDICIONES(CONDITIONS)- AGREGAR DATOS- EN ORDER CURRENCY- SE VE UN LISTADO DE ORDER CURRENCY



The screenshot shows the 'Purchase order currency (1)' dialog box. The 'Restrictions' tab is active, displaying a list of currencies and their descriptions. The list is as follows:

Crcy	Long Text
TPE	Timor Escudo -> USD
TRL	Turkish Lira (Old)
TRY	Turkish Lira
TTD	Trinidad and Tobago Dollar
TWD	New Taiwan Dollar
TZS	Tanzanian Shilling
UAH	Ukraine Hryvnia
UF	
UGX	Ugandan Shilling
USD	United States Dollar
USDN	(Internal) United States Dollar (5 Dec.)
UTM	
UYU	Uruguayan Peso
UZS	Uzbekistan Som
VEB	Venezuelan Bolivar (Old)
VEF	Venezuelan Bolivar
VND	Vietnamese Dong
VUV	Vanuatu Vatu
WST	Samoan Tala
XAF	Gabon CFA Franc BEAC

At the bottom of the dialog, it states '213 Entries found'.



AQUÍ EN CONDICIONES(CONDITIONS)- AGREGAR DATOS- EN ORDER CURRENCY- PARA ESTE CASO “USD”

Change Organization: 51041, new role Vendor

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

Purchasing Organization

Purch. organization: US00 GBI US

Conditions

Order currency: USD

Payment terms:

Incoterms Version:

Incoterms:

Incoterms Location 1:

Incoterms Location 2:

Minimum order value:

Save Enter Cancel

AQUI- EN PAYMENTS TERMS- SE VE LISTADO

Terms of Payment (1)

> Restrictions

PayT	Own Explanation
0001	Payable immediately Due net
0002	within 14 days 2 % cash discount
	within 30 days Due net
0003	within 14 days 3 % cash discount
	within 20 days 2 % cash discount
	within 30 days Due net
0004	Payable immediately Due net
	Baseline date on End of the month
0005	Payable immediately Due net
	Baseline date on 10 of next month
0006	Before End of the month 4 % cash discount
	Before 15 of the next month ;; 2 % cash discount
	Before 15 in 2 months Due net
0007	For incoming invoices until 15 of the month
	Before 15 of the next month ;; 2 % cash discount
	Before End of the next month ;; Due net
	For incoming invoices until End of the month
	Before End of the next month ;; 2 % cash discount
	Before 15 in 2 months Due net
0008	For incoming invoices until 15 of the month

37 Entries found

AQUI- EN PAYMENT TERMS- AGREGAR DATO-0001

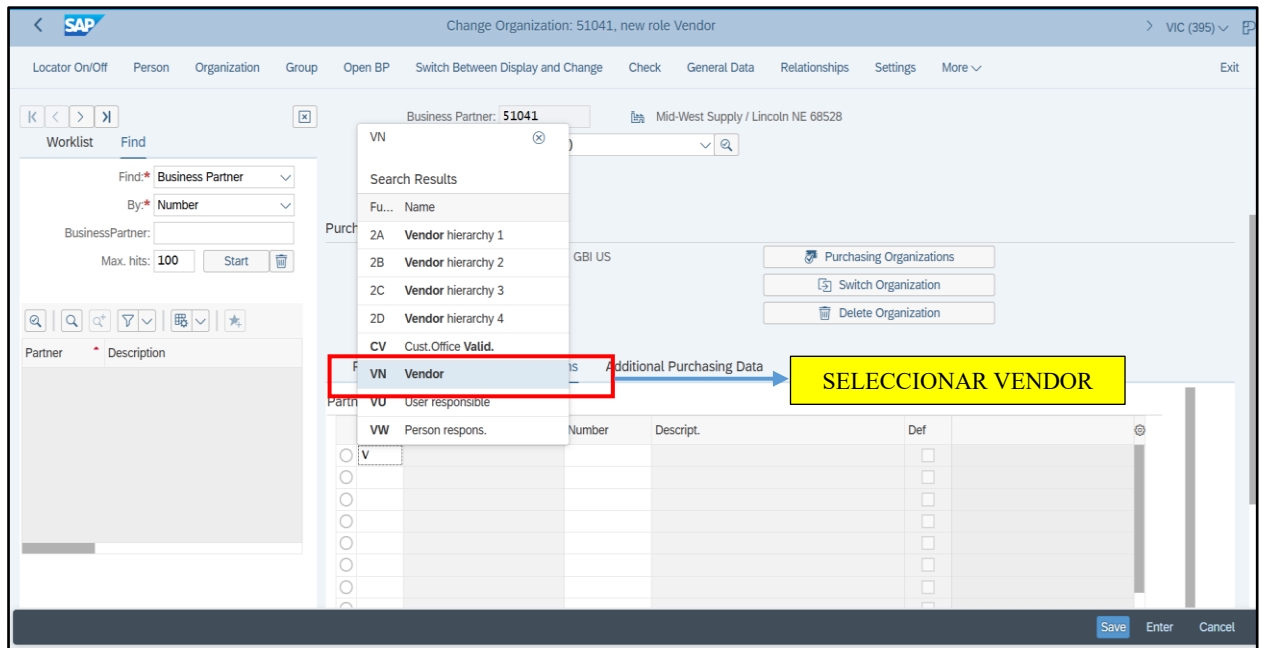
The screenshot displays the SAP S/4HANA 'Change Vendor' transaction. The 'Purchasing Organization' section shows 'Purch. organization: US00' and 'GIB US'. The 'Conditions' section shows 'Order currency: USD' and 'Payment terms: 0001'. A red box highlights the 'Payment terms: 0001' field, and a blue arrow points from it to a yellow box labeled 'PAYMENT TERMS'.

Este término de pago (registrado como 0001) es de liquidación inmediata. El pago se realiza contra la entrega de la factura o el servicio, lo que asegura una rápida liquidez al proveedor y un control financiero oportuno.

AQUI- EN PARTNER FUNCTIONS-AGREGAR DATOS

[illegible]

AQUI- EN PARTNER FUNCTIONS-SELECCIONAR VENDOR



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check General Data Relationships Settings More

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Search Results

Fu...	Name
2A	Vendor hierarchy 1
2B	Vendor hierarchy 2
2C	Vendor hierarchy 3
2D	Vendor hierarchy 4
CV	Cust. Office Valid.
VN	Vendor
VU	User responsible
VW	Person respons.

Additional Purchasing Data

SELECCIONAR VENDOR

Partner * Description

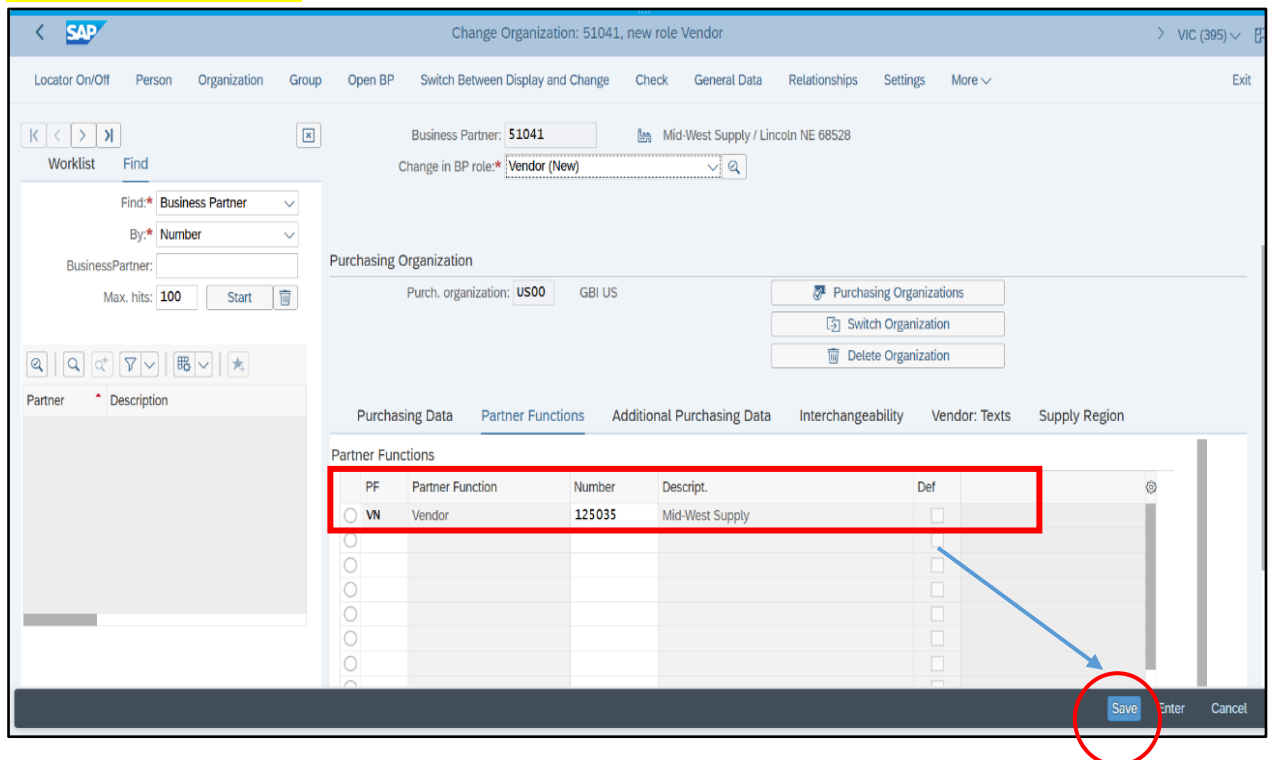
Partner Functions

PF	Partner Function	Number	Descript.	Def
☐	VN	Vendor		☐
☐	VU	User responsible		☐
☐	VW	Person respons.		☐

Save Enter Cancel

AQUI- EN PARTNER FUNCTIONS-AGREGANDOSE DATOS- PRESIONAR ENTER

VENDOR: 125035



Change Organization: 51041, new role Vendor

Locator On/Off Person Organization Group Open BP Switch Between Display and Change Check General Data Relationships Settings More

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role: Vendor (New)

Purchasing Organization

Purch. organization: US00 GBI US

Purchasing Data Partner Functions Additional Purchasing Data Interchangeability Vendor: Texts Supply Region

Partner Functions

PF	Partner Function	Number	Descript.	Def
☐	VN	Vendor	125035 Mid-West Supply	☐
☐	VU	User responsible		☐
☐	VW	Person respons.		☐

Save Enter Cancel

AQUI- EN PARTNER FUNCTIONS- SE GUARDARON LOS CAMBIOS

SAP

Change Organization: 51041, role Vendor

VIC (395)

Locator On/Off | Person | Organization | Group | Open BP | Switch Between Display and Change | Check | General Data | Relationships | Settings | More ▾

Exit

K < > X

Business Partner: 51041 Mid-West Supply / Lincoln NE 68528

Change in BP role:* Vendor (defined) 🔍

Worklist Find

Find:* Business Partner
By:* Number
BusinessPartner:
Max. hits: 100 Start 🗑️

🔍 🔍 ⏪ ⏴ ⏵ ⏩ ⚙️ ☆

Partner * Description

Purchasing Data | Partner Functions | Additional Purchasing Data | Interchangeability | Vendor: Texts | Supply Region

Partner Functions

	PF	Partner Function	Number	Description	Def	
☐	VN	Vendor	125035	Mid-West Supply	☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	
☐					☐	

✓ Changes have been saved

Save Enter Cancel

Relación con la Norma ISO 9001:2015 (Gestión de la Calidad)

En la Cláusula 8.4: "Control de los procesos, productos y servicios suministrados externamente".

- En SAP: El "Paso 1: Crear Proveedor" es la formalización digital de esta selección. Al llenar los campos obligatorios (RUC/NIT, dirección, moneda, condiciones de pago), estás registrando la evidencia documentada de que el proveedor es apto y legal para operar con la empresa.
- Información Documentada (Cláusula 7.5): La norma exige mantener información documentada. El registro maestro del proveedor en SAP actúa como la "fuente única de la verdad", asegurando que todos los departamentos, usen los mismos datos validados, minimizando errores en la cadena de suministro.

Relación con la Norma ISO/IEC 25010 (Calidad del Producto de Software)

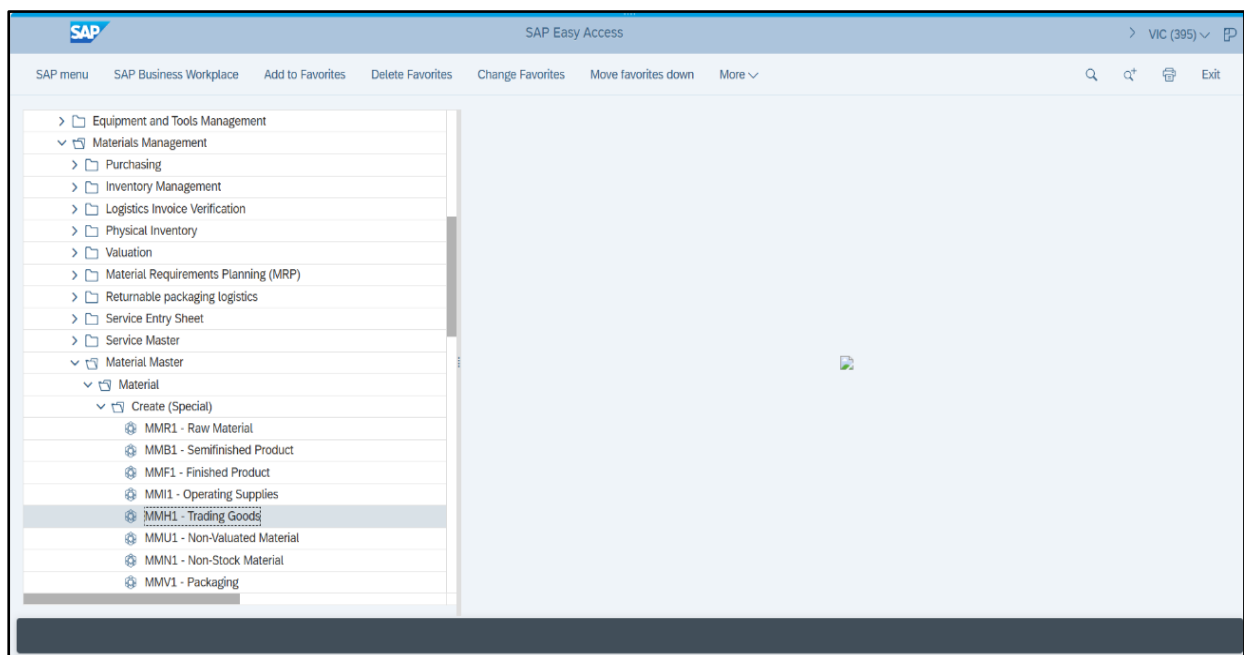
- **Adecuación Funcional:**
 - Al crear el proveedor en SAP, el sistema debe proveer los resultados precisos necesarios (ej. calcular impuestos automáticamente basado en el código postal del proveedor). Si los datos maestros del Paso 1 son incorrectos, la funcionalidad del software fallará en pasos posteriores (como el pago automático), violando este principio.

Resumen paso 1:

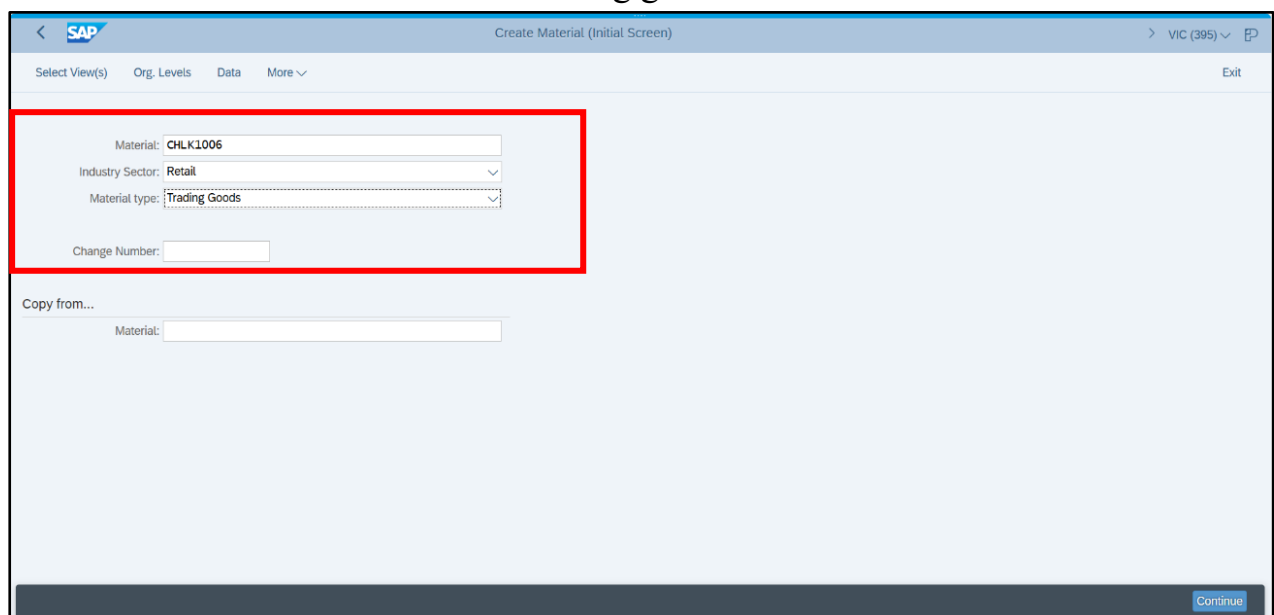
El paso de Crear Nuevo Proveedor en SAP materializa el cumplimiento de la ISO 9001:2015 (Cláusula 8.4) al establecer un control estandarizado sobre los suministros externos, y satisface los criterios de Exactitud y Adecuación Funcional de la ISO/IEC 25010, garantizando que los datos maestros que alimentan el ERP sean íntegros y permitan la trazabilidad operativa sin errores.

AG-1 -PASO 2: Create Material Master for Trading Goods

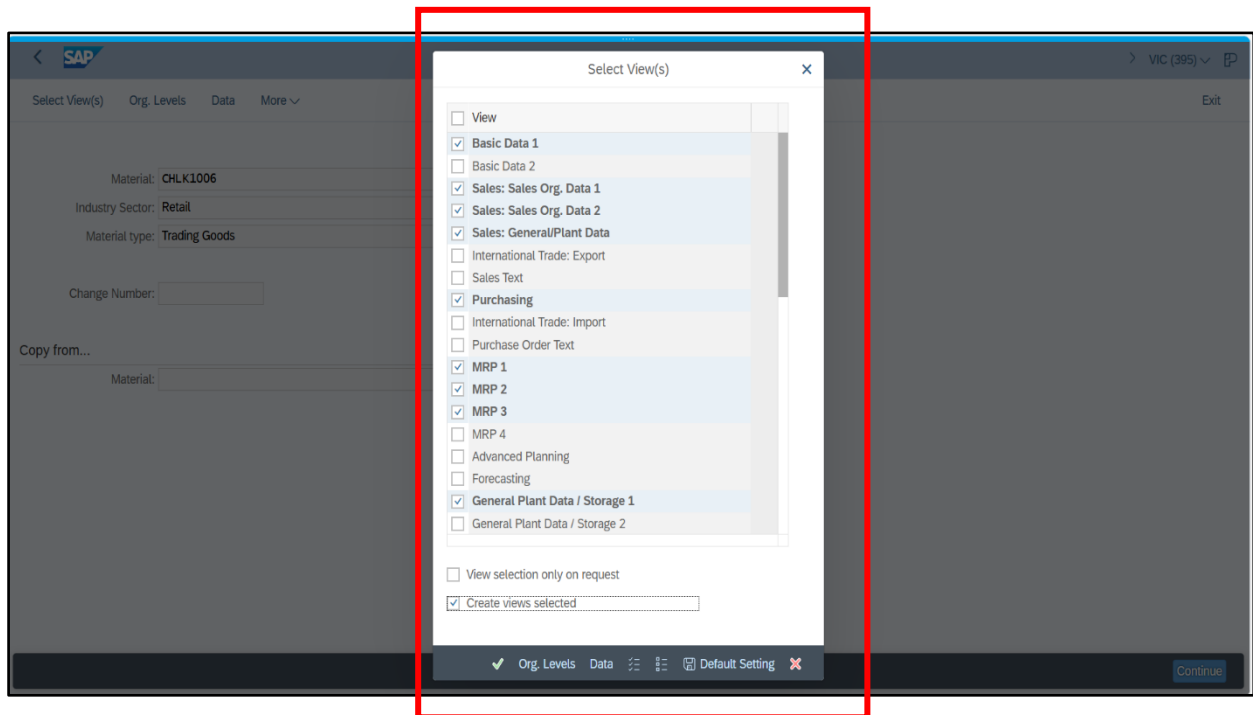
Logistics ► Materials Management ► Material Master ► Material ► Create(Special) ► Trading Goods



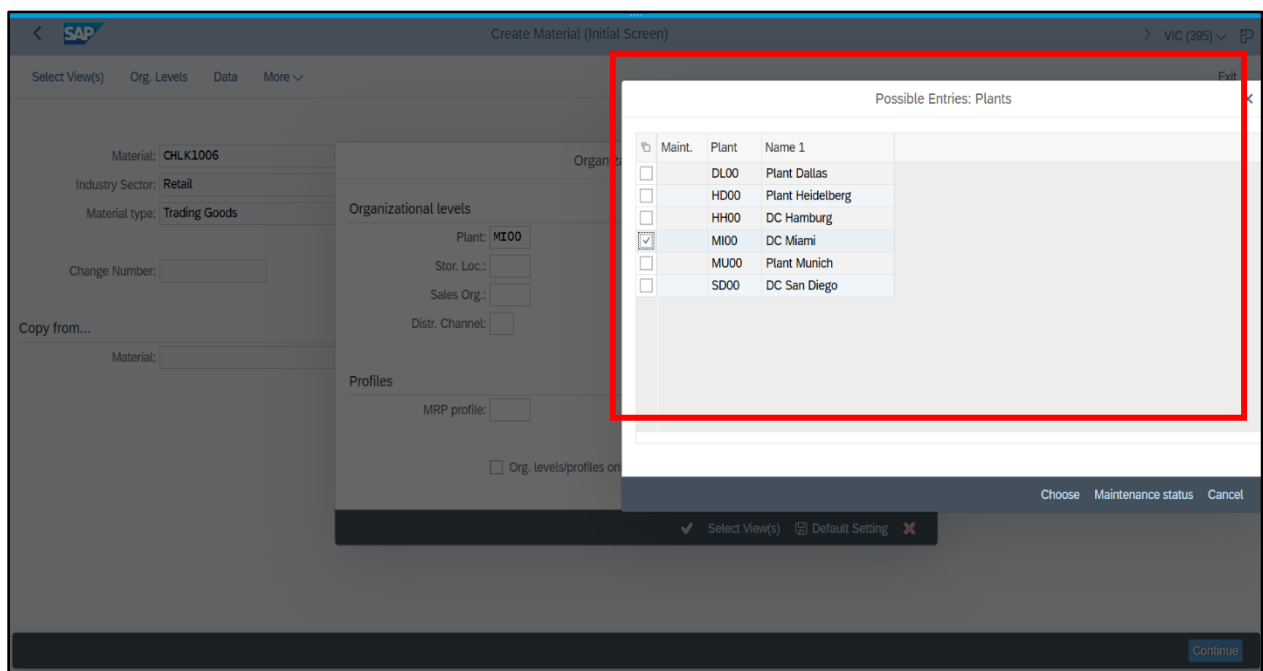
Escribir el material CHLK1006- SEGÚN SEA EL CODIGO, INDUSTRY SECTOR- MATERIAL TYPE: Trading goods.



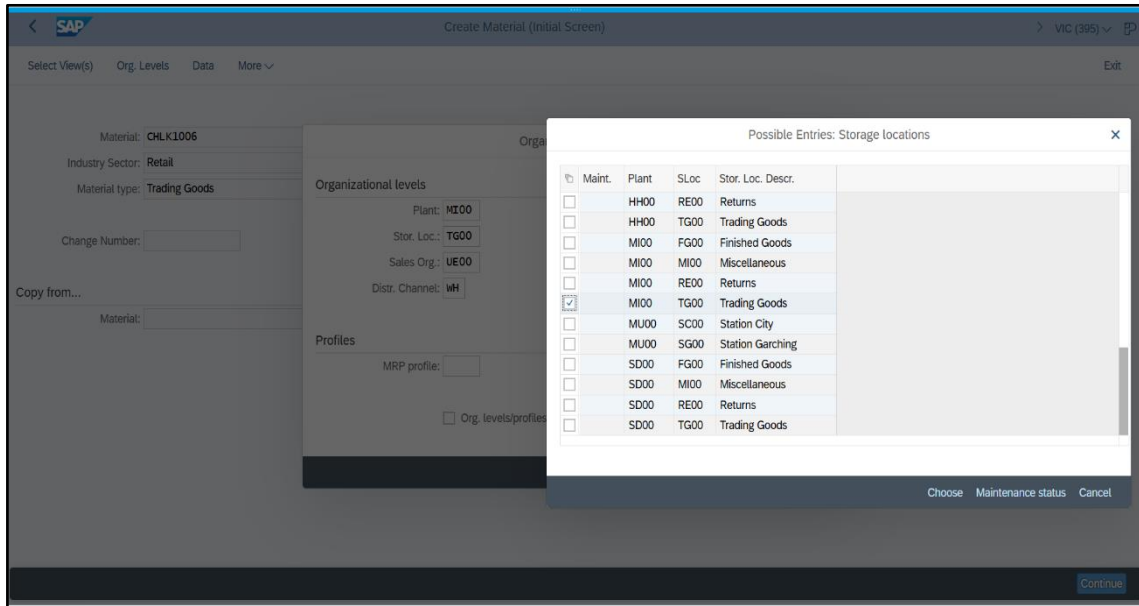
Escribir el material CHLK1006- ENTER- SELECCIONAR VISTAS.



LUEGO-ORGANIZATION- OGNIZATIONAL LEVELS-AGREGAR DATOS-PLANTS.



LUEGO-ORGANIZATION- ORGANIZATIONAL LEVELS-AGREGAR DATOS-STORAGE LOCATIONS.

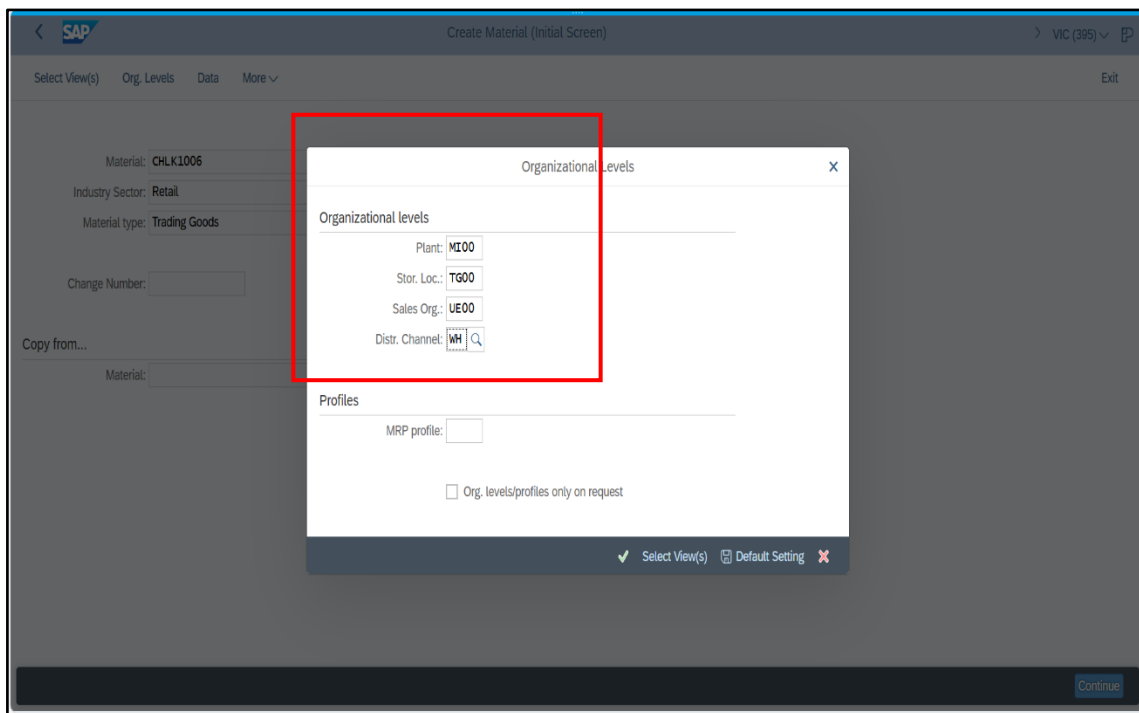


The screenshot shows the SAP 'Create Material (Initial Screen)' interface. The background form has the following fields filled: Material: CHLK1006, Industry Sector: Retail, Material type: Trading Goods, Plant: MZ00, Stor. Loc.: TG00, Sales Org.: UE00, and Distr. Channel: WH. A dialog box titled 'Possible Entries: Storage locations' is open, displaying a table of storage location options.

Maint.	Plant	SLoc	Stor. Loc. Descr.
☐	HH00	RE00	Returns
☐	HH00	TG00	Trading Goods
☐	MI00	FG00	Finished Goods
☐	MI00	MI00	Miscellaneous
☐	MI00	RE00	Returns
☒	MI00	TG00	Trading Goods
☐	MU00	SC00	Station City
☐	MU00	SG00	Station Garching
☐	SD00	FG00	Finished Goods
☐	SD00	MI00	Miscellaneous
☐	SD00	RE00	Returns
☐	SD00	TG00	Trading Goods

Buttons at the bottom of the dialog: Choose, Maintenance status, Cancel.

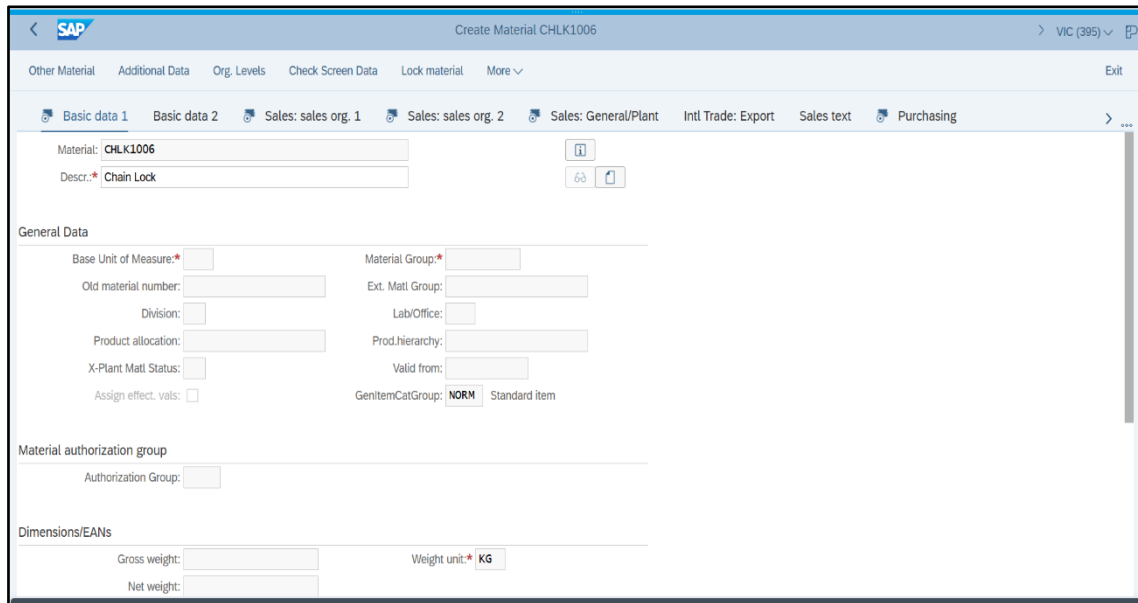
ORGANIZATION- ORGANIZATIONAL LEVELS-AGREGAR DATOS- SALES ORG. Y DIST.CHANEL. - LUEGO ENTER.



The screenshot shows the same SAP 'Create Material (Initial Screen)' interface. A dialog box titled 'Organizational Levels' is open, displaying fields for organizational data. The fields are: Plant: MZ00, Stor. Loc.: TG00, Sales Org.: UE00, and Distr. Channel: WH. The dialog also includes a 'Profiles' section with an 'MRP profile' field and a checkbox for 'Org. levels/profiles only on request'.

Buttons at the bottom of the dialog: Select View(s), Default Setting, and a close button (X).

SE VISUALIZAN LAS VISTAS SELECCIONADAS



Create Material CHLK1006

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing > ...

Material: CHLK1006

Descr.: Chain Lock

General Data

Base Unit of Measure: Material Group: Ext. Matl Group: Division: Lab/Office: Product allocation: Prod.hierarchy: X-Plant Matl Status: Valid from: Assign effect. vals: Gen/ItemCatGroup: NORM Standard item

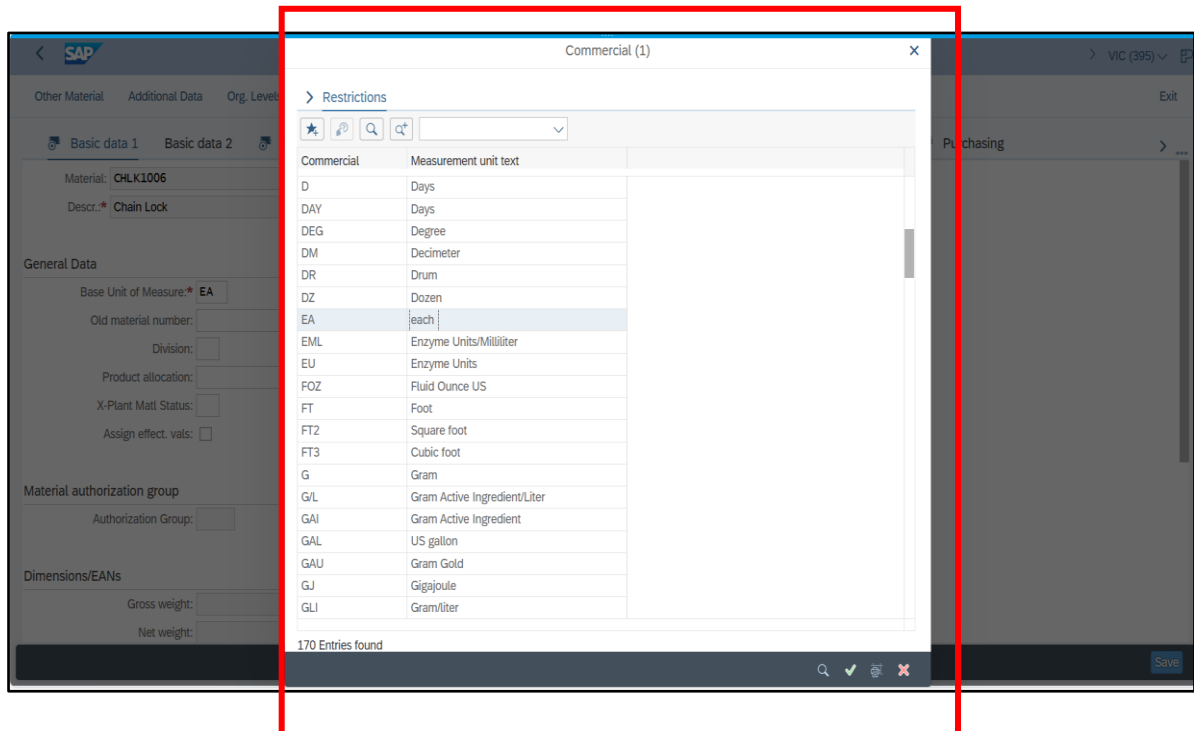
Material authorization group

Authorization Group:

Dimensions/EANs

Gross weight: Weight unit: KG Net weight:

EN GENERAL DATA- BASIC UNIT OF MEASURE- LISTADO



Commercial (1)

> Restrictions

Commercial Measurement unit text

D	Days
DAY	Days
DEG	Degree
DM	Decimeter
DR	Drum
DZ	Dozen
EA	each
EML	Enzyme Units/Milliliter
EU	Enzyme Units
FOZ	Fluid Ounce US
FT	Foot
FT2	Square foot
FT3	Cubic foot
G	Gram
G/L	Gram Active Ingredient/Liter
GAI	Gram Active Ingredient
GAL	US gallon
GAU	Gram Gold
GJ	Gigajoule
GLI	Gram/liter

170 Entries found

Save



EN GENERAL DATA- BASIC UNIT OF MEASURE- “EA”-COLOCAR SEGÚN EL CASO.

The screenshot shows the SAP 'Create Material' transaction for material CHLK1006. The 'General Data' tab is active. The 'Base Unit of Measure' is set to 'EA', which is highlighted with a red box. A yellow box labeled 'BASE UNIT OF MEASURE' points to this field. Other fields include 'Old material number', 'Division', 'Product allocation', 'X-Plant Matl Status', 'Assign effect. vals', 'Ext. Matl Group', 'Lab/Office', 'Prod.hierarchy', 'Valid from', 'GenItemCatGroup' (set to 'NORM'), 'Material authorization group', 'Authorization Group', 'Gross weight', 'Net weight', and 'Weight unit' (set to 'KG').

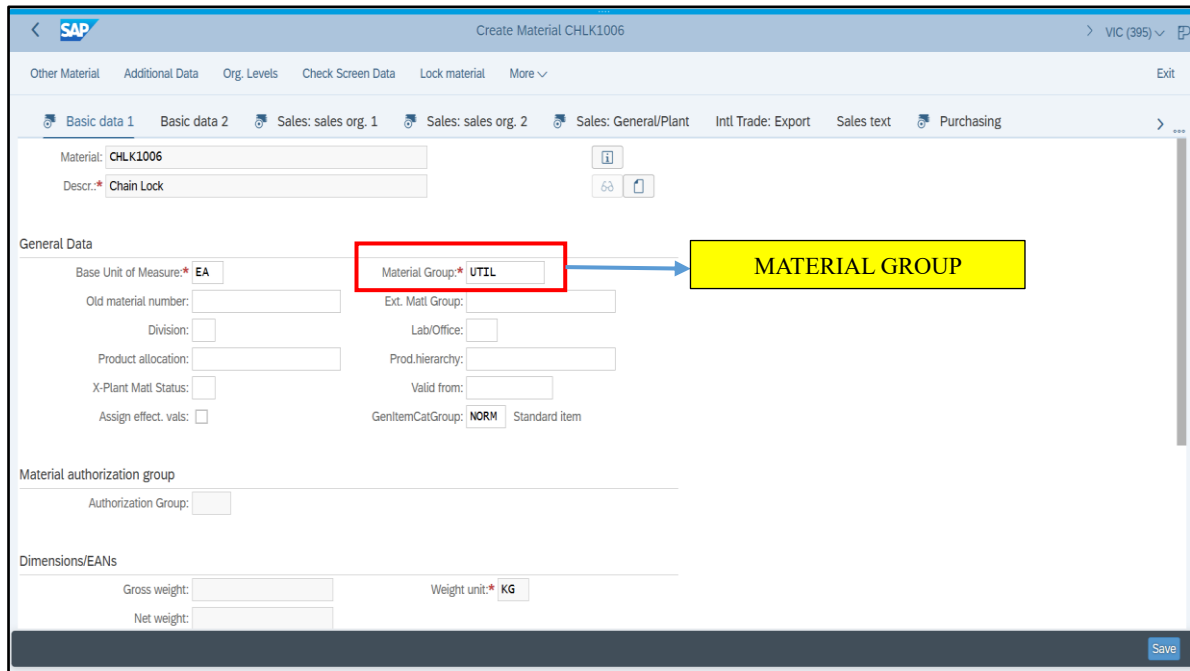
GENERAL DATA- MATERIAL GROUP-LISTADO

The screenshot shows the same SAP 'Create Material' transaction for material CHLK1006. A dialog box titled 'Material Group (1)' is open, displaying a list of material groups. The dialog has a 'Restrictions' section with search filters. The list shows 5 entries found:

Matl Group	Material Group Desc.	Description 2 for the Material Group
BIKES	Finished Bikes	Finished Bikes
RAW	Raw Materials	Raw Materials
SFTY	Safety Gear	Safety Gear
UTIL	Utilities	Utilities
WHEEL	Wheel Assembly	Wheel Assembly

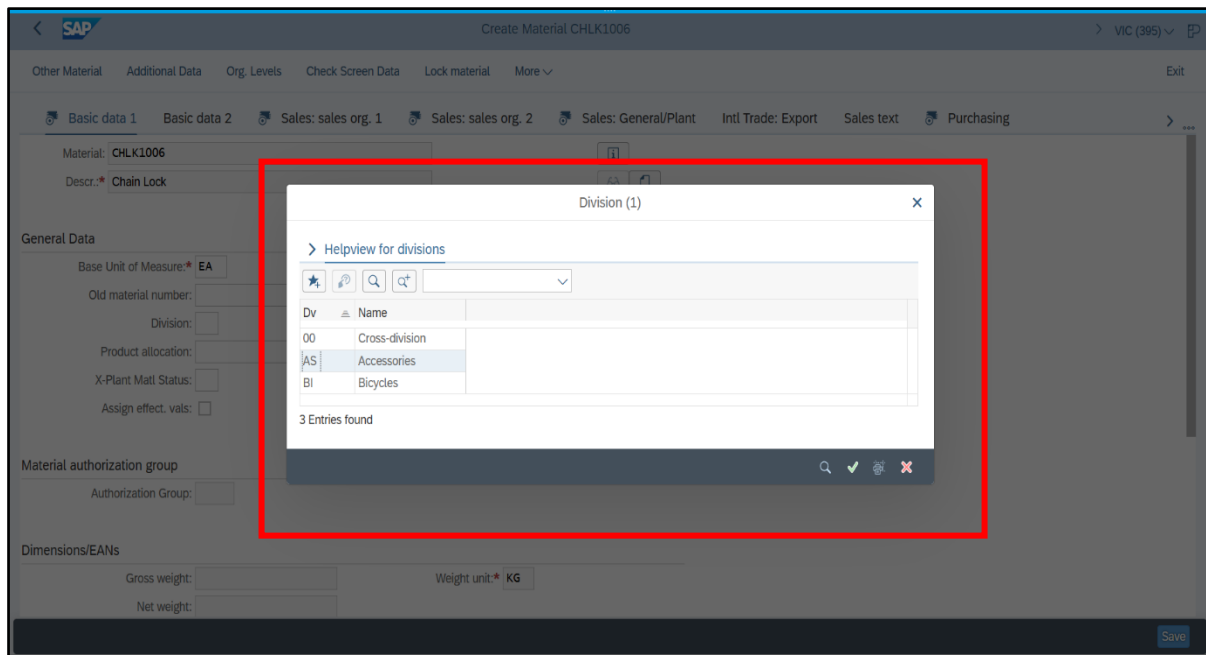
The 'UTIL' group is highlighted. The dialog also shows search icons and a 'Save' button.

GENERAL DATA- MATERIAL GROUP- “UTIL”-SELECCIONAR SEGÚN EL CASO.



The screenshot shows the SAP 'Create Material' transaction for material CHLK1006. The 'General Data' tab is active. The 'Material Group' field is highlighted with a red box and labeled 'UTIL'. A blue arrow points from this field to a yellow box labeled 'MATERIAL GROUP'. Other fields include 'Base Unit of Measure' (EA), 'Old material number', 'Division', 'Product allocation', 'X-Plant Matl Status', 'Assign effect. vals', 'Ext. Matl Group', 'Lab/Office', 'Prod.hierarchy', 'Valid from', 'GenitemCatGroup' (NORM), and 'Standard item'. The 'Material authorization group' and 'Dimensions/EANs' sections are also visible.

GENERAL DATA- DIVISION- LISTADO



The screenshot shows the same SAP 'Create Material' transaction, but with a 'Division (1)' dialog box open. The dialog displays a list of divisions for selection. The 'Accessories' division is highlighted. The background shows the 'General Data' tab with the 'Material Group' field still highlighted.

Dv	Name
00	Cross-division
AS	Accessories
BI	Bicycles

3 Entries found

GENERAL DATA- DIVISION- “AS”- SEGÚN SEA EL CASO.

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006
Descr.: Chain Lock

General Data

Base Unit of Measure: EA Material Group: UTIL
Old material number: Ext. Mat. Group:
Division: AS → DIVISION
Product allocation: Prod. hierarchy:
X-Plant Matl Status: Valid from:
Assign effect. vals: GenItemCatGroup: NORM Standard item

Material authorization group

Authorization Group:

Dimensions/EANs

Gross weight: Weight unit: KG
Net weight:

Save

GENERAL DATA- WEIGHT UNIT- LISTADO

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006
Descr.: CHAINLOCK

General Data

Base Unit of Measure: EA
Old material number:
Division: AS
Product allocation:
X-Plant Matl Status:
Assign effect. vals:

Material authorization group

Authorization Group:

Dimensions/EANs

Gross weight: 65 Weight unit:
Net weight:

Commercial (1)

> Restrictions

Commercial	Measurement unit text
G	Gram
KG	Kilogram
KT	Kiloton
LB	Pound
MG	Milligram
OZ	Ounce
TO	Ton
TON	US Ton

8 Entries found

Save



GENERAL DATA- WEIGHT UNIT- “OZ”-GROSS WEIGHT-65

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material authorization group
Authorization Group:

Dimensions/EANs
Gross weight: 65 Weight unit: * OZ
Net weight:
Volume:
Volume unit:
Size/dimensions:
EAN/UPC:
EAN category:

Packaging material data
Matt Grp Pack.Matts:

Basic Data Texts
Languages Maintained: 0 Basic Data Text Language:

Save

EN VISTA SALES: SALES ORG.1- DELIVERING PLANT-LISTADO

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006
Descr.: * Chainlock
Sales Org.: UE00 US East
Distr. Ch: WH Wholesale

General data
Base Unit of Measure: * EA
Sales unit:
Unit of Measure Grp:
X-distr.chain status:
DChain-spec. status:
Delivering Plant: MI00
Material Group: * UTIL Utilities
Cash Discount: ☒

Delivering Plant (Own or External) (1)

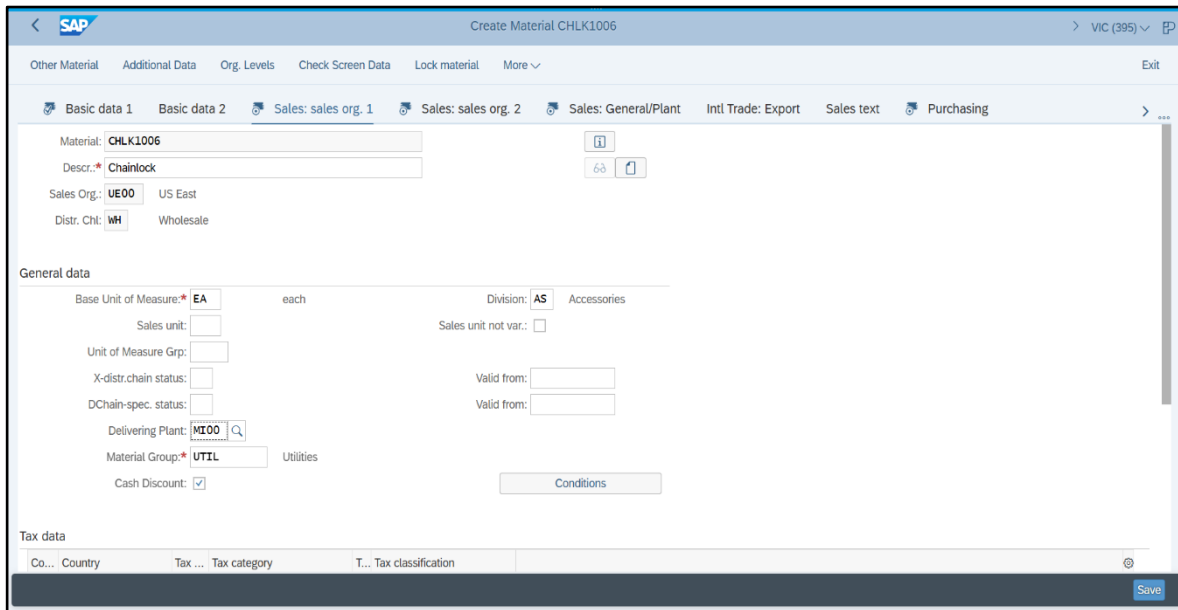
> Restrictions

Sales Organization	Ref.dist.channel-Cust/Material	Plant	Name 1
UE00	WH	DL00	Plant Dallas
UE00	WH	MI00	DC Miami

2 Entries found

Save

EN VISTA SALES: SALES ORG.1- DELIVERING PLANT-“MI00”



Material: CHLK1006
 Descr.: Chainlock
 Sales Org.: UE00 US East
 Distr. Ch: WH Wholesale

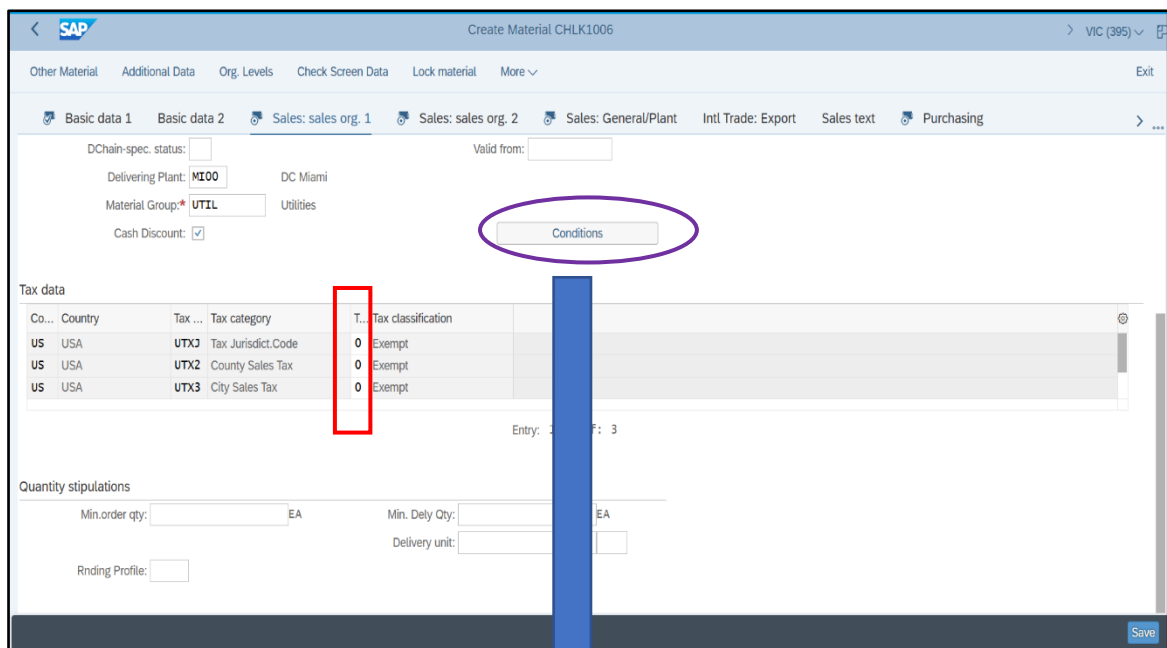
General data
 Base Unit of Measure: EA each
 Division: AS Accessories
 Sales unit:
 Unit of Measure Grp:
 X-distr.chain status:
 DChain-spec. status:
 Delivering Plant: MI00
 Material Group: UTIL Utilities
 Cash Discount: ☒

Tax data

Co...	Country	Tax ...	Tax category	T... Tax classification
US	USA	UTX3	Tax Jurisdict.Code	0 Exempt
US	USA	UTX2	County Sales Tax	0 Exempt
US	USA	UTX3	City Sales Tax	0 Exempt

Conditions

SALES ORG.1- Poner CERO A LAS TRES CATEGORIAS- LUEGO CLICK EN CONDITIONS



DChain-spec. status:
 Delivering Plant: MI00 DC Miami
 Material Group: UTIL Utilities
 Cash Discount: ☒

Conditions

Tax data

Co...	Country	Tax ...	Tax category	T... Tax classification
US	USA	UTX3	Tax Jurisdict.Code	0 Exempt
US	USA	UTX2	County Sales Tax	0 Exempt
US	USA	UTX3	City Sales Tax	0 Exempt

Quantity stipulations

Min.order qty: EA Min. Del. Qty: EA
 Delivery unit:
 Rnding Profile:
 Entry: 1 of 3

El impuesto aplicable en el contexto peruano es el Impuesto General a las Ventas (IGV), el cual tiene una tasa del 18 % sobre el valor de venta de bienes y servicios.

CREATE PRICE CONDITION-AGREGAR LOS DATOS

SAP Create Price Condition (PR00) : Scales

Details Additional Data Validity Periods Free Goods Condition Texts Status Information... Conversion Factors... Key... Cumulative Values... More ▾ Exit

Variable key

Sales Org.	DChl	Material	Status	Description
UE00	WH	CHLK1006	Released	

Validity

Valid From: 11/05/2025 Valid To: 12/31/9999

Control

Scale Basis: C Quantity scale Check: A Descending

Scales

Scale Type	Scale quantity	* U...	Amount	* Unit	* per	* UoM
From		1	EA	69	USD	1 EA

COLOCAR EL MONTO

Save

EN VISTA SALES: SALES ORG.2- ORGANIZACIÓN DE VENTAS 2- EN MATERIAL STATITICS GROUP

SAP Create Material CHLK1006

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006

Descr.: ChainLock

Sales Org.: UE00 US East

Distr. Cht: WH Wholesale

Grouping terms

Matl statistics grp:

Material Price Grp:

Volume Re... Group:

Acct Assmt Grp Mat.:

Gen. it... grp: NORM Standard item

Item category group: NORM Standard item

Pricing Matl:

Product hierarchy:

Commis... group:

Product attributes

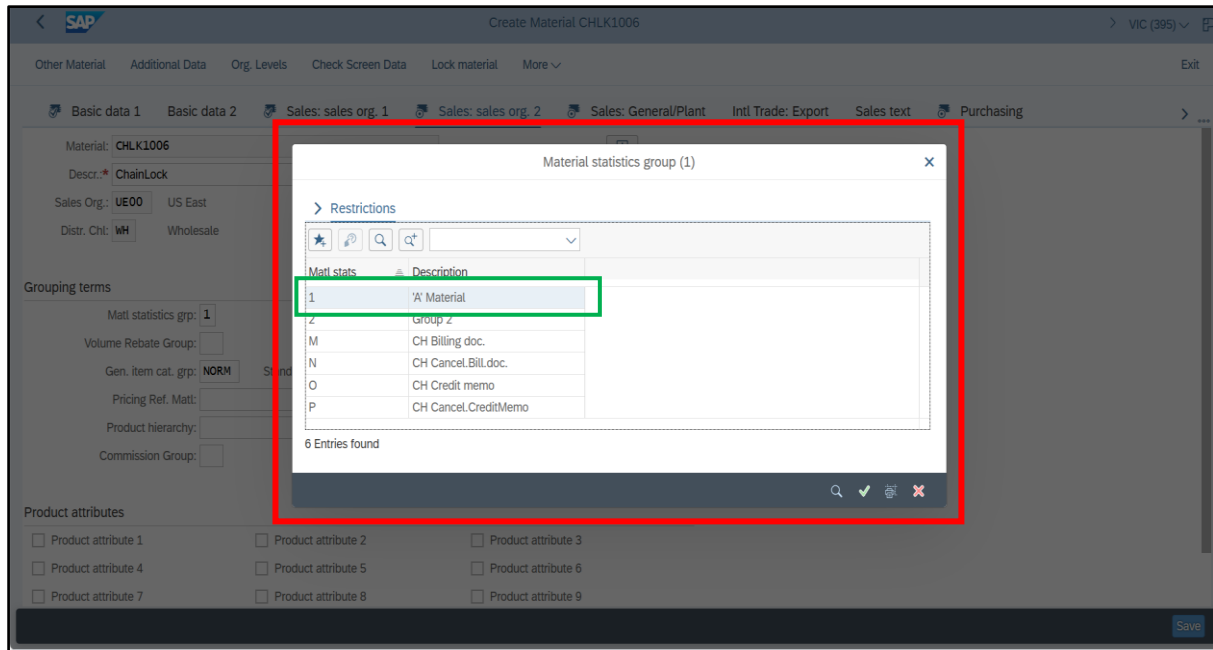
Product attribute ☐ Product attribute 2 ☐ Product attribute 3 ☐

Product attribute ☐ Product attribute 5 ☐ Product attribute 6 ☐

Product attribute ☐ Product attribute 8 ☐ Product attribute 9 ☐

Save

SALES: SALES. ORG.2- ORGANIZACIÓN DE VENTAS 2- EN MATERIAL STATITICS GROUP-LISTADO

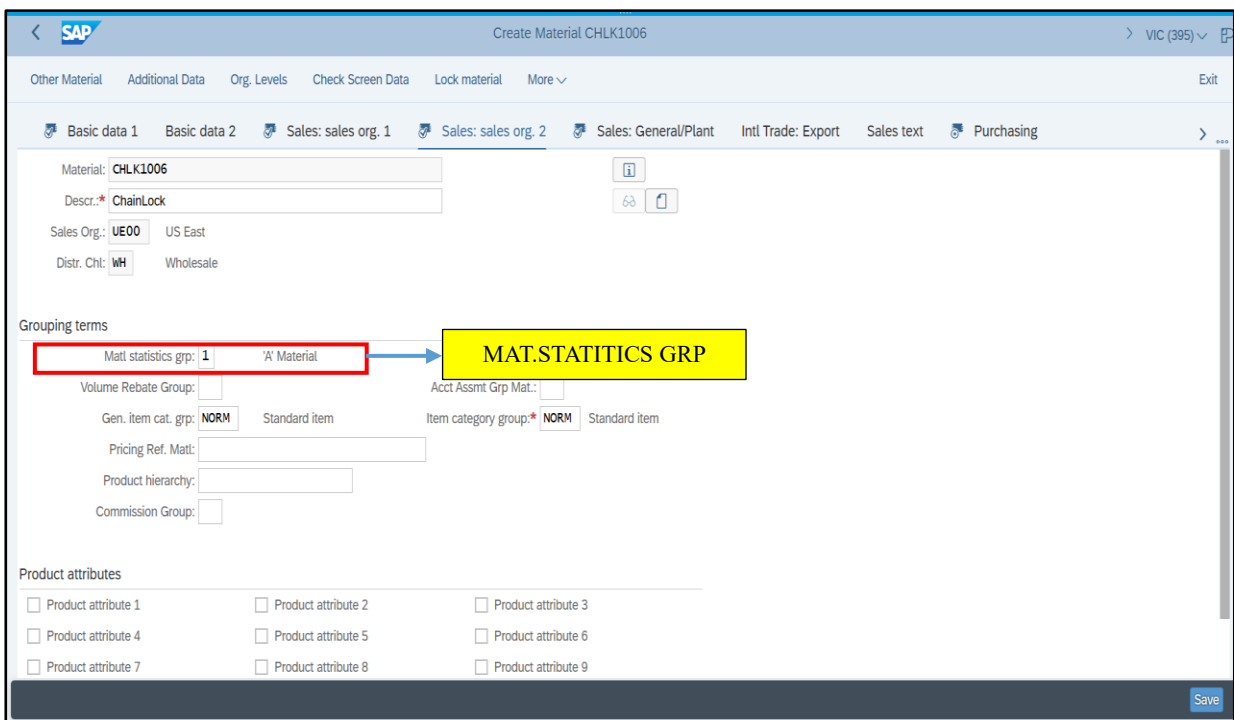


The screenshot shows the SAP 'Create Material CHLK1006' screen. A dialog box titled 'Material statistics group (1)' is open, displaying a list of material statistics groups. The first entry, '1' with description 'A' Material', is highlighted with a green box. The dialog also shows a search bar and a list of other groups like 'Group 2', 'CH Billing doc.', etc.

Matl stats	Description
1	'A' Material
2	Group 2
M	CH Billing doc.
N	CH Cancel.Bill.doc.
O	CH Credit memo
P	CH Cancel.CreditMemo

6 Entries found

SALES: SALES. ORG.2- ORGANIZACIÓN DE VENTAS 2- EN MATERIAL STATITICS GROUP- "1" A MATERIAL-SEGÚN EL CASO



The screenshot shows the same SAP 'Create Material CHLK1006' screen. A red box highlights the 'Matl statistics grp: 1' field, and a yellow box highlights the 'MAT.STATISTICS GRP' label. An arrow points from the red box to the yellow box, indicating the selection of the material statistics group.

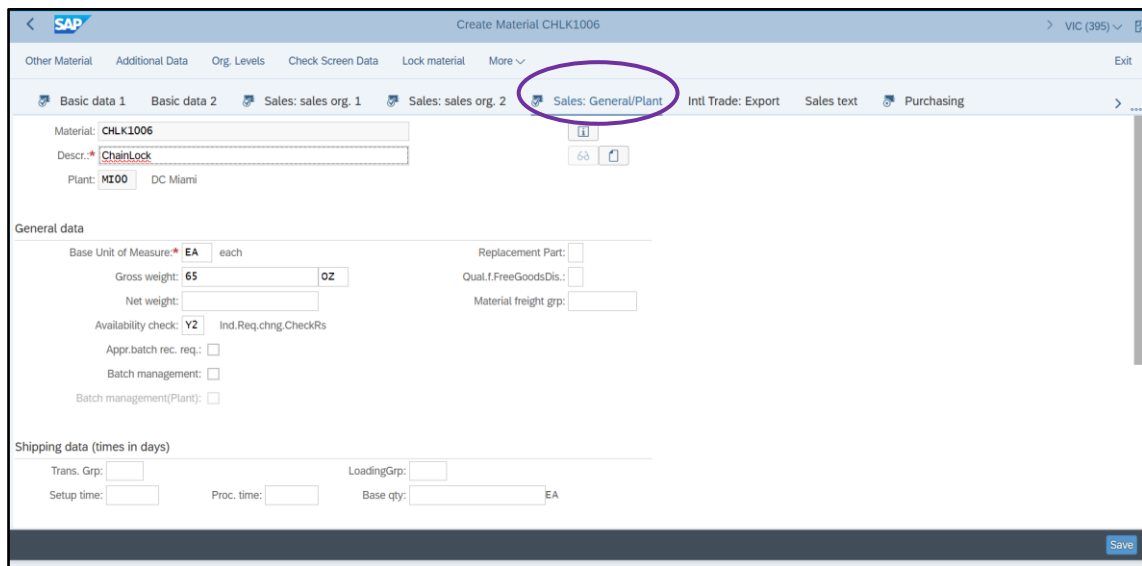
Material: CHLK1006
 Descr.: ChainLock
 Sales Org.: UE00 US East
 Distr. Chk: WH Wholesale

Grouping terms
 Matl statistics grp: 1 'A' Material
 Volume Rebate Group:
 Gen. item cat. grp: NORM Standard item
 Pricing Ref. Matl:
 Product hierarchy:
 Commission Group:
 Acct Assmt Grp Mat.:
 Item category group: NORM Standard item

Product attributes
 Product attribute 1
 Product attribute 2
 Product attribute 3
 Product attribute 4
 Product attribute 5
 Product attribute 6
 Product attribute 7
 Product attribute 8
 Product attribute 9

Save

EN VISTA SALES: GENERAL/ PLANT



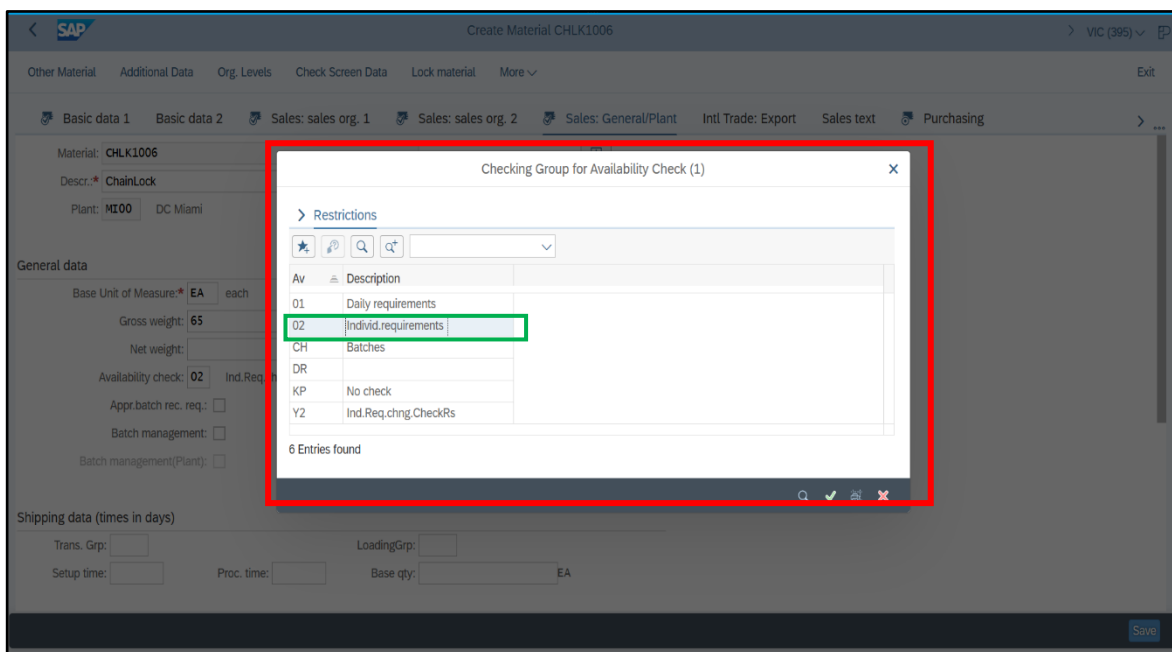
The screenshot shows the SAP 'Create Material CHLK1006' interface. The 'Sales: General/Plant' tab is selected and circled in purple. The material is 'ChainLock' at plant 'MI00' (DC Miami). The 'General data' section shows 'Base Unit of Measure' as 'EA' (each) and 'Gross weight' as '65'. The 'Availability check' is set to 'Y2' (Ind. Req. chng. CheckRs). The 'Shipping data' section shows 'Trans. Grp.' and 'LoadingGrp.' as empty, and 'Base qty.' as 'EA'.

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

General data

Base Unit of Measure: EA each
Gross weight: 65 02
Net weight:
Availability check: Y2 Ind. Req. chng. CheckRs
Appr. batch rec. req.:
Batch management:
Batch management (Plant):
Replacement Part:
Qual. f. Free Goods Dis.:
Material freight grp.:
Shipping data (times in days)
Trans. Grp.:
Setup time:
Proc. time:
LoadingGrp.:
Base qty: EA

EN VISTA SALES: GENERAL/ PLANT – AVAILABILITY CHECK- LISTADO



The screenshot shows the same SAP 'Create Material CHLK1006' interface, but with the 'Checking Group for Availability Check (1)' dialog box open. The dialog box is highlighted with a red rectangle. It shows a list of restrictions with '02' (Individ. requirements) highlighted in green. The list includes '01' (Daily requirements), '02' (Individ. requirements), 'CH' (Batches), 'DR' (No check), 'KP' (No check), and 'Y2' (Ind. Req. chng. CheckRs). The dialog box also shows '6 Entries found'.

Checking Group for Availability Check (1)

> Restrictions

Av	Description
01	Daily requirements
02	Individ. requirements
CH	Batches
DR	No check
KP	No check
Y2	Ind. Req. chng. CheckRs

6 Entries found



EN VISTA SALES: GENERAL/ PLANT – AVAILABILITY CHECK- “02”

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006 Descr.: ChainLock Plant: MI00 DC Miami

General data

Base Unit of Measure: EA each Replacement Part: Gross weight: 65 OZ Qual.f.FreeGoodsDis.: Net weight: Availability check: 02 Ind.Req.chng.CheckRs

Appr.batch rec. req.: Batch management: Batch management(Plant):

Shipping data (times in days)

Trans. Grp: LoadingGrp: Setup time: Proc. time: Base qty: EA

Save

AVAILABILITY CHECK

EN VISTA SALES: GENERAL/ PLANT – TRANSPORTATION GROUP-“0001”-LISTADO

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006 Descr.: ChainLock

Transportation Group (1)

Restrictions

TGroup	Description
0001	On pallets
0002	Container
0003	Box

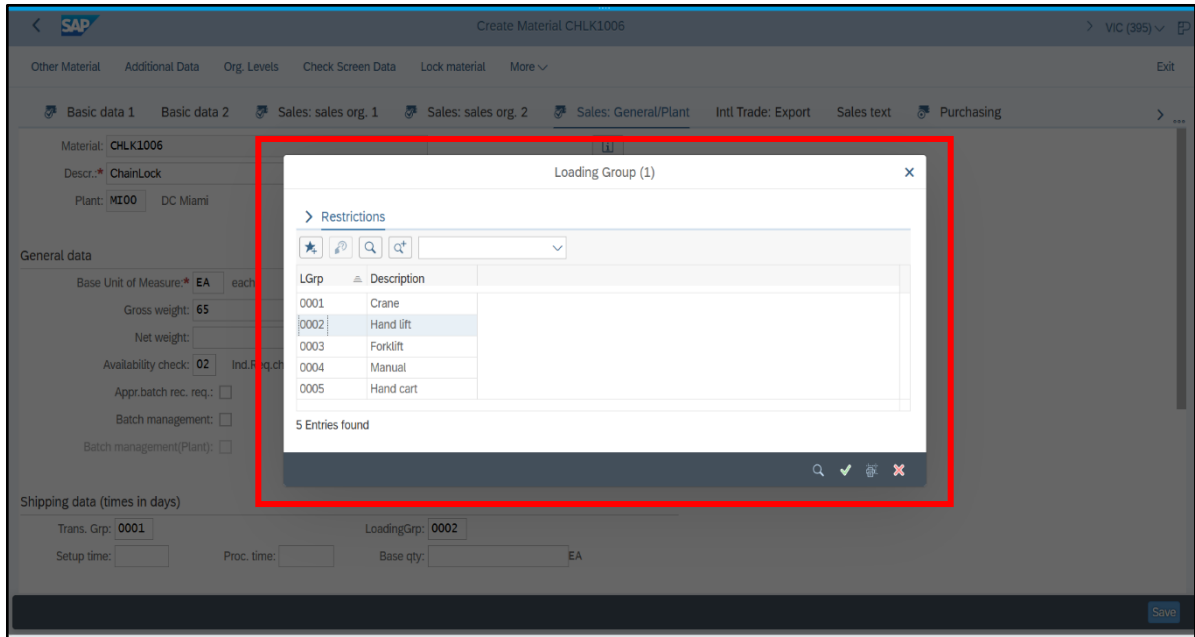
3 Entries found

Shipping data (times in days)

Trans. Grp: 0001 LoadingGrp: Setup time: Proc. time: Base qty: EA

Save

VISTA SALES: GENERAL/ PLANT – LOADING GROUP-“0002”- LISTADO



Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

General data
Base Unit of Measure: EA each
Gross weight: 65
Net weight:
Availability check: 02 Ind. Req. ch
Appr. batch rec. req.: ☐
Batch management: ☐
Batch management(Plant): ☐

Shipping data (times in days)
Trans. Grp: 0001
Setup time:
Proc. time:
Base qty: EA

LoadingGrp: 0002

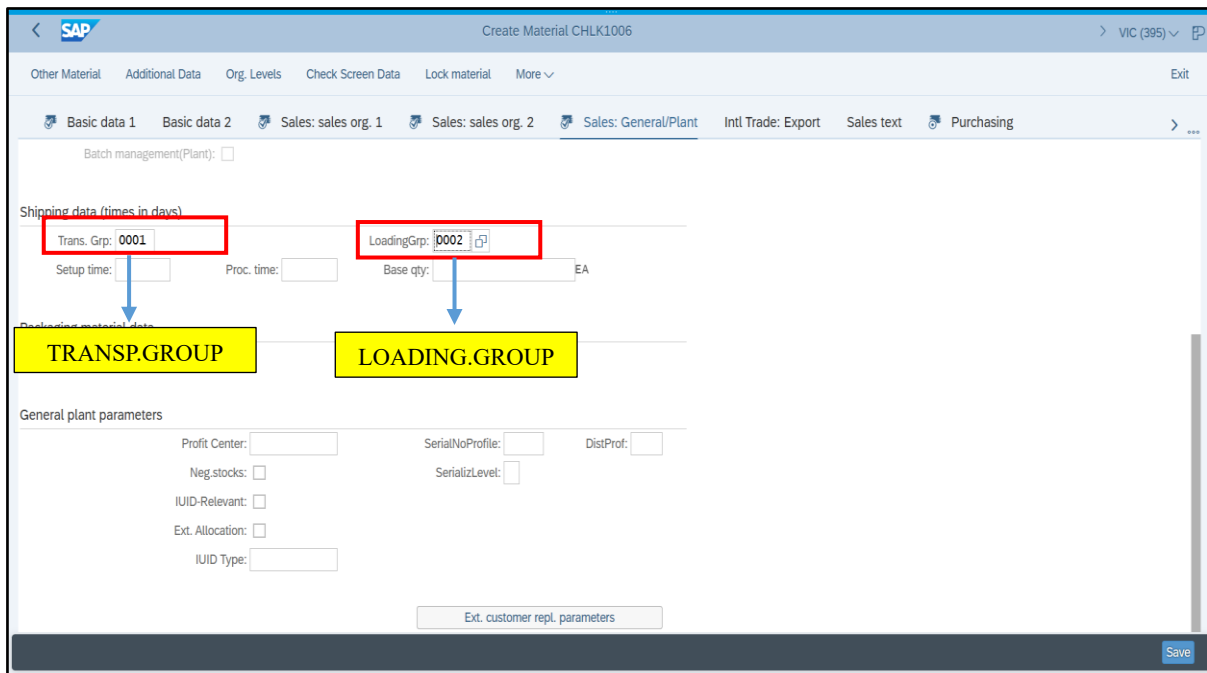
Restrictions

LGrp	Description
0001	Crane
0002	Hand lift
0003	Forklift
0004	Manual
0005	Hand cart

5 Entries found

Save

EN VISTA SALES: GENERAL/ PLANT – TRANSPORTATION Y LOADING GROUP.



Batch management(Plant): ☐

Shipping data (times in days)
Trans. Grp: 0001
Setup time:
Proc. time:
Base qty: EA

LoadingGrp: 0002

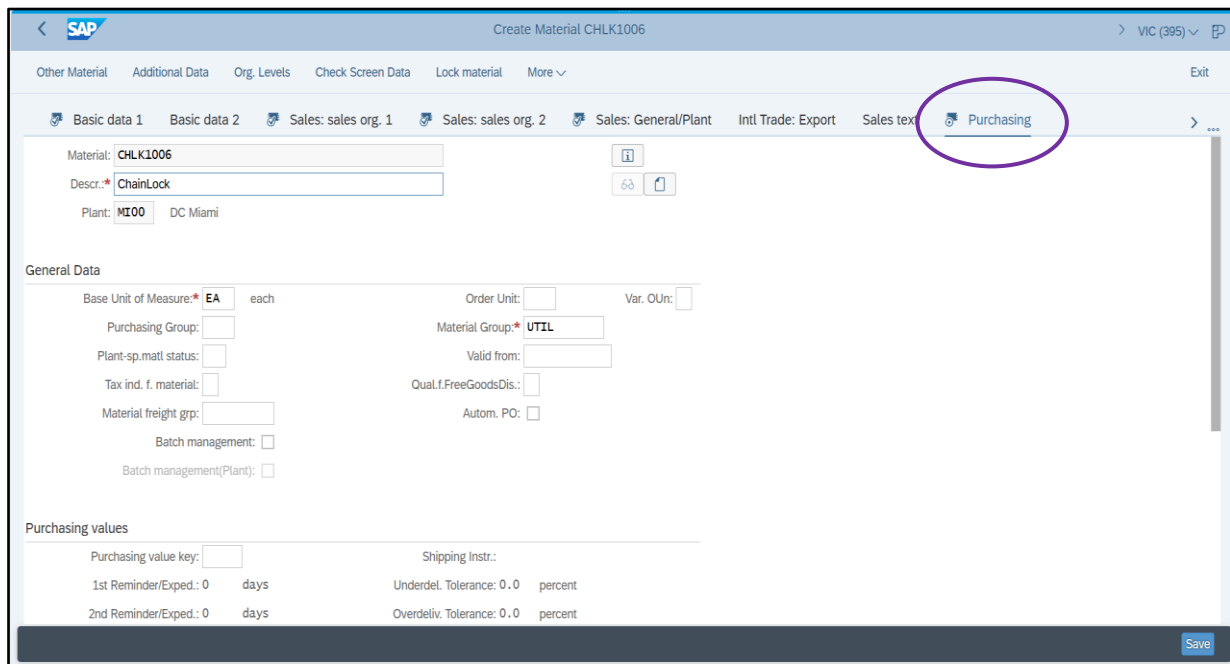
TRANSP.GROUP

LOADING.GROUP

General plant parameters
Profit Center:
Neg. stocks: ☐
IUID-Relevant: ☐
Ext. Allocation: ☐
IUID Type:
SerialNoProfile:
SerializLevel:
DistProf:
Ext. customer repl. parameters

Save

EN VISTAS PURCHASING



The screenshot shows the SAP 'Create Material' transaction for material CHLK1006. The 'Purchasing' tab is selected and circled in purple. The material description is 'ChainLock' and the plant is 'MI00' (DC Miami). The 'General Data' section includes fields for Base Unit of Measure (EA), Order Unit, Material Group (UTIL), and various flags for batch management and autom. PO. The 'Purchasing values' section shows reminder and tolerance settings.

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

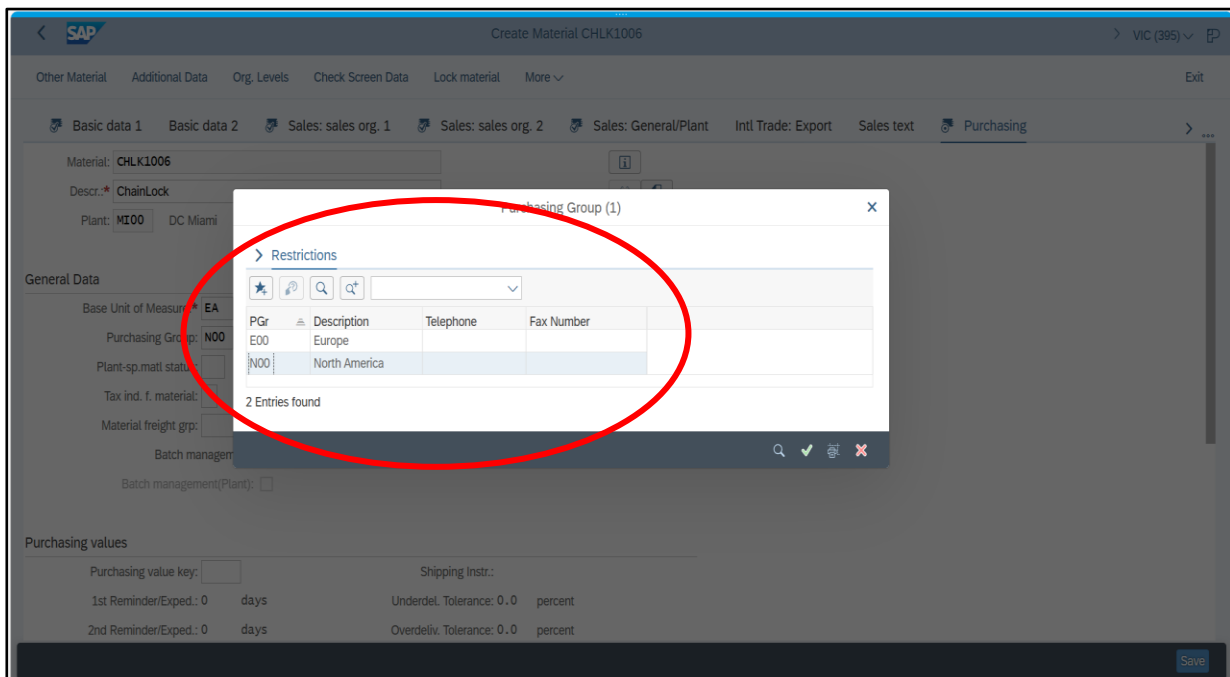
General Data

Base Unit of Measure: EA each
Order Unit:
Var. OUn:
Purchasing Group:
Material Group: UTIL
Plant-sp.matl status:
Valid from:
Tax ind. f. material:
Qual.f.FreeGoodsDis:
Material freight grp:
Autom. PO:
Batch management:
Batch management(Plant):

Purchasing values

Purchasing value key:
Shipping Instr.:
1st Reminder/Exped.: 0 days Underdel. Tolerance: 0.0 percent
2nd Reminder/Exped.: 0 days Overdeliv. Tolerance: 0.0 percent

EN VISTAS PURCHASING- PURCHASING GROUP



The screenshot shows the same SAP 'Create Material' transaction, but with a pop-up window titled 'Purchasing Group (1) Restrictions' open. The pop-up is circled in red. It displays a table with columns for PGr, Description, Telephone, and Fax Number. Two entries are found: E00 Europe and N00 North America. The background shows the same material data as the previous screenshot.

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

General Data

Base Unit of Measure: EA each
Order Unit:
Var. OUn:
Purchasing Group: N00
Material Group: UTIL
Plant-sp.matl status:
Valid from:
Tax ind. f. material:
Qual.f.FreeGoodsDis:
Material freight grp:
Autom. PO:
Batch management:
Batch management(Plant):

Purchasing values

Purchasing value key:
Shipping Instr.:
1st Reminder/Exped.: 0 days Underdel. Tolerance: 0.0 percent
2nd Reminder/Exped.: 0 days Overdeliv. Tolerance: 0.0 percent

Purchasing Group (1) Restrictions

PGr	Description	Telephone	Fax Number
E00	Europe		
N00	North America		

2 Entries found



EN VISTAS PURCHASING- PURCHASING GROUP- “N00”

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

General Data

Base Unit of Measure: EA each
Purchasing Group: N00
Plant-sp.matl status:
Tax ind. f. material:
Material freight grp:
Batch management:
Batch management(Plant):

Order Unit:
Var. QUn:
Valid from:
Qual.f.FreeGoodsDis:
Autom. PO:

Purchasing values

Purchasing value key:
Shipping Instr.:
1st Reminder/Exped.: 0 days Underdel. Tolerance: 0.0 percent
2nd Reminder/Exped.: 0 days Overdeliv. Tolerance: 0.0 percent

Save

EN VISTAS MRP1

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Intl Trade: Import Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2

Purchasing Group: N00
Plant-sp.matl status:
ABC Indicator:
Valid from:

MRP Procedure

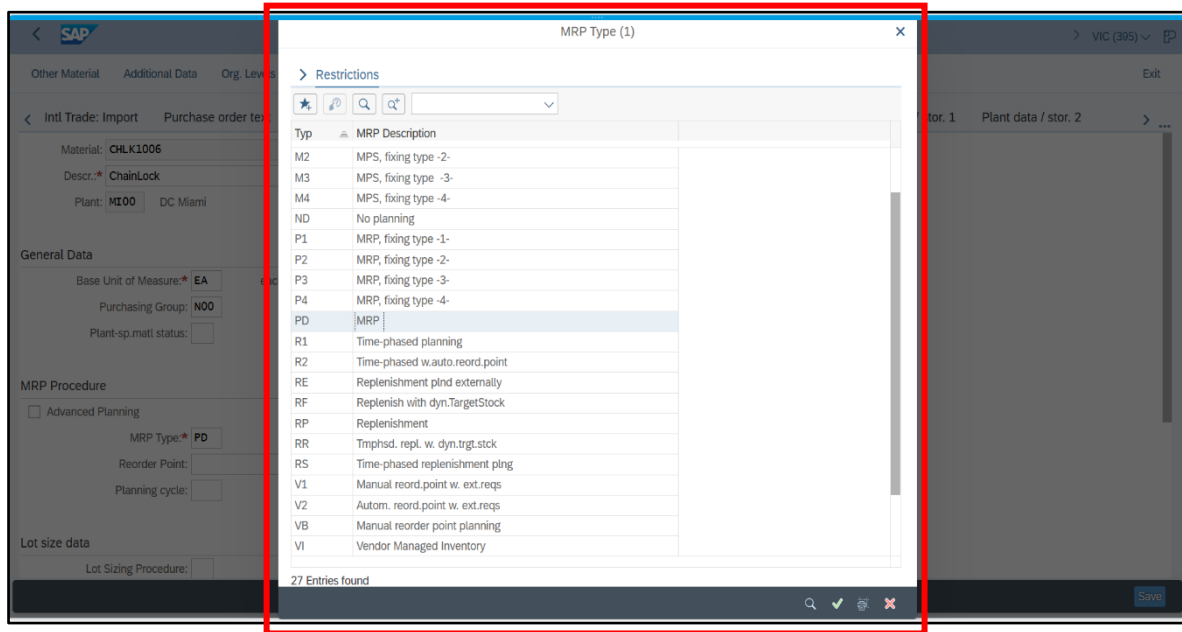
Advanced Planning
MRP Type:
Reorder Point:
Planning cycle:
Planning time fence:
MRP Controller:

Lot size data

Lot Sizing Procedure:
Minimum Lot Size:
Fixed lot size:
LS-Independent Costs:
Assembly scrap (%):
Rounding Profile:
Maximum Lot Size:
Maximum Stock Level:
Storage Costs Code:
Takt time:
Rounding value:

Save

EN VISTAS MRP1-MRP TYPE- LISTADO

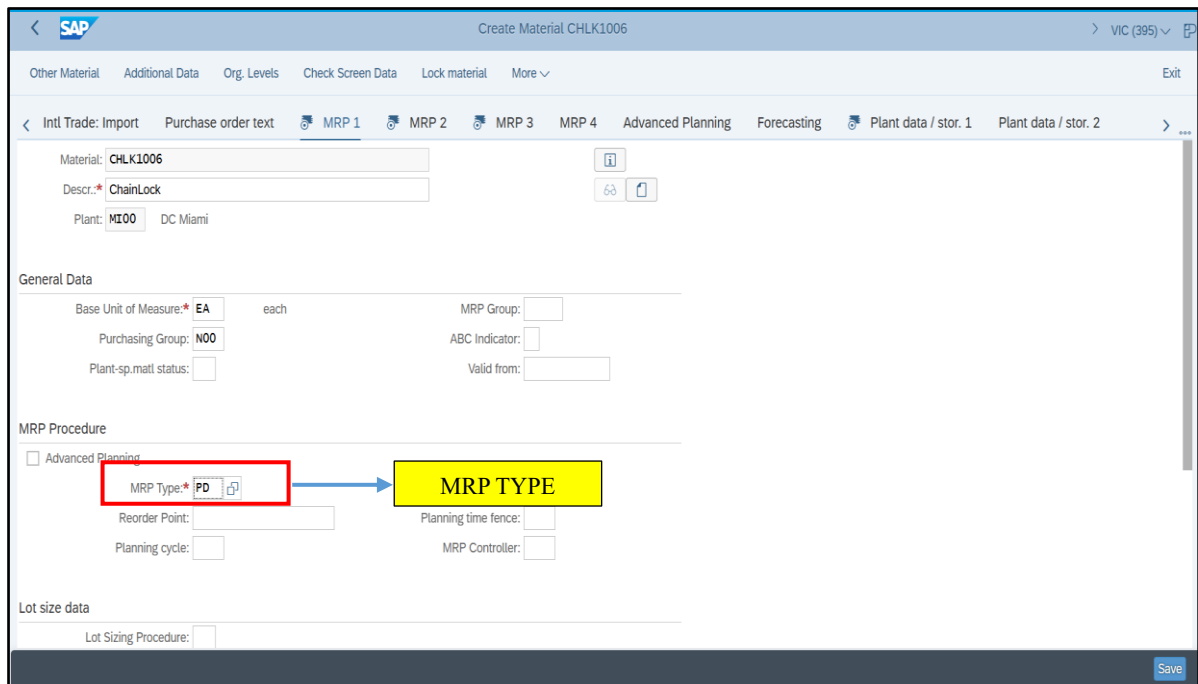


The screenshot shows the SAP MRP Type (1) selection dialog. The dialog is titled "MRP Type (1)" and contains a list of MRP types. The "Restrictions" section is expanded, showing a search bar and a list of MRP types. The "PD" type is highlighted in blue. The list includes the following entries:

Typ	MRP Description
M2	MPS, fixing type -2-
M3	MPS, fixing type -3-
M4	MPS, fixing type -4-
ND	No planning
P1	MRP, fixing type -1-
P2	MRP, fixing type -2-
P3	MRP, fixing type -3-
P4	MRP, fixing type -4-
PD	MRP
R1	Time-phased planning
R2	Time-phased w.auto.reord.point
RE	Replenishment plnd externally
RF	Replenish with dyn.TargetStock
RP	Replenishment
RR	Trmphsd. repl. w. dyn.trgt.stck
RS	Time-phased replenishment plng
V1	Manual reord.point w. ext.reqs
V2	Autom. reord.point w. ext.reqs
VB	Manual reorder point planning
VI	Vendor Managed Inventory

27 Entries found

EN VISTAS MRP1-MRP TYPE: "PD"



The screenshot shows the SAP Create Material CHLK1006 screen. The "MRP 1" tab is selected. The "MRP Type" field is set to "PD". A red box highlights the "MRP Type" field, and a blue arrow points from it to a yellow box labeled "MRP TYPE".

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

General Data

Base Unit of Measure: EA each
Purchasing Group: N00
Plant-sp.matl status: ☐

MRP Procedure

☐ Advanced Planning

MRP Type: PD ☐

Reorder Point:
Planning cycle:

MRP Group:
ABC Indicator:
Valid from:

Lot size data

Lot Sizing Procedure:

Save



VISTAS MRP1-MRP CONTROLLER

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Int'l Trade: Import Purchase order text **MRP 1** MRP 2 MRP 3 MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2

Material: CHLK1006 Descr.: ChainLock Plant: MI00 DC Miami

General Data

Base Unit of Measure: EA each Purchasing Group: N00 Plant-sp.matl status:

MRP Procedure

Advanced Planning MRP Type: PD Reorder Point: Planning cycle:

Lot size data Lot Sizing Procedure:

MRP Controller (1)

Restrictions

Plant	MRPCn	Name	Telephone
MI00	000	MI MRP Controller	

1 Entry found

Save

VISTAS MRP1-MRP CONTROLLER

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Int'l Trade: Import Purchase order text **MRP 1** MRP 2 MRP 3 MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2

Material: CHLK1006 Descr.: ChainLock Plant: MI00 DC Miami

General Data

Base Unit of Measure: EA each MRP Group: Purchasing Group: N00 ABC Indicator: Valid from: Plant-sp.matl status:

MRP Procedure

Advanced Planning MRP Type: PD Reorder Point: Planning cycle: Planning time fence: MRP Controller: 000

Lot size data Lot Sizing Procedure:

MRP CONTROLLER

Save

MRP1-MRP LOT SIZING

Create Material CHLK1006

Lot Sizing Procedure within Materials Planning (1)

> Restrictions

LSP	LS	LI	Pds	LLP	LLI	LPer	Description
DY	O	D	0			0	Dynamic lot size creation
EX	S	E	0			0	Lot-for-lot order quantity
FS	S	S	0			0	Fixing and splitting
FX	S	F	0			0	Fixed order quantity
GR	O	G	0			0	Groff reorder procedure
H1	S	H	0			0	Replen to max stk after covering r
HB	S	H	0			0	Replenish to maximum stock level
MB	P	M	1			0	Monthly lot size
PB	P	P	1			0	Period lot size = posting period
PK	P	K	1			0	Period lot size acc. to plng calenda
SP	O	S	0			0	Part period balancing
TB	P	T	1			0	Daily lot size
W2	P	W	1			0	Week - 2
WB	P	W	1			0	Weekly lot size
WI	O	W	0			0	Least unit cost procedure

15 Entries found

Save

MRP1-LOT SIZING PROCEDURE- EX

Create Material CHLK1006

MRP Procedure

MRP Type: **PD**

Reorder Point:

Planning time fence:

Planning cycle:

MRP Controller: **000**

Lot size data

Lot Sizing Procedure: **EX**

LOT SIZING PROCEDURE

Minimum Lot Size:

Maximum Lot Size:

Fixed lot size:

Maximum Stock Level:

LS-Independent Costs:

Storage Costs Code:

Assembly scrap (%):

Takt time:

Rounding Profile:

Rounding value:

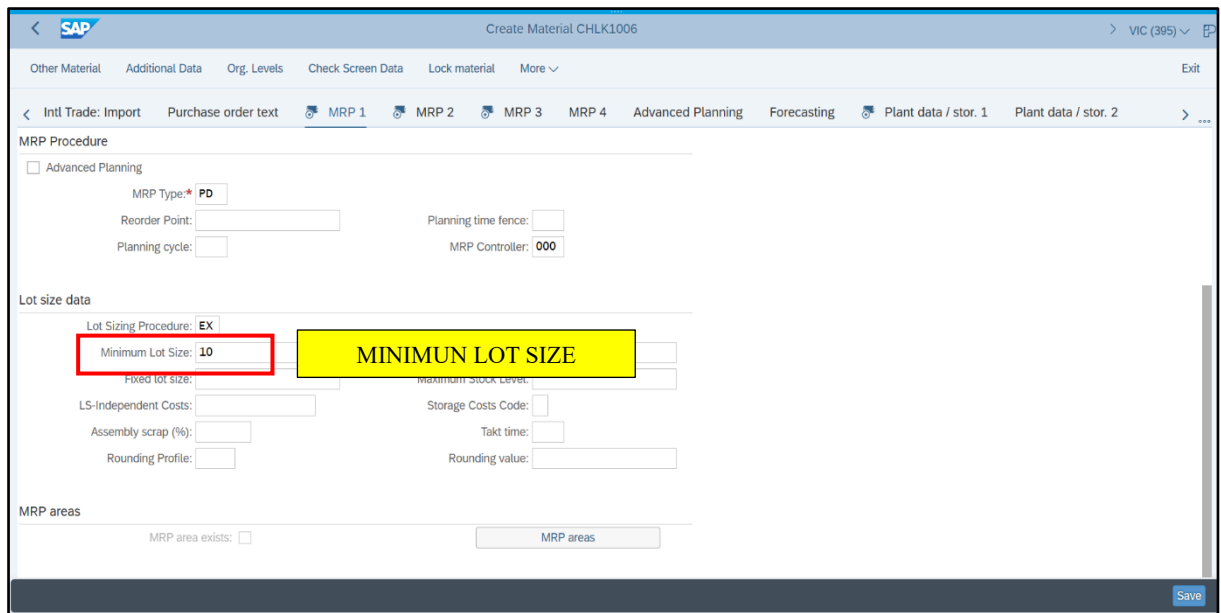
MRP areas

MRP area exists: ☐

MRP areas

Save

MRP1- MINIMUN LOT SIZE- 10



The screenshot shows the SAP MRP1 screen for material CHLK1006. The 'Lot size data' section is highlighted, showing the 'Minimum Lot Size' set to 10. A yellow box with the text 'MINIMUN LOT SIZE' is overlaid on the screen. The 'MRP Procedure' section shows 'MRP Type' as PD. The 'MRP areas' section shows 'MRP area exists' as a checkbox.

MRP Procedure

☐ Advanced Planning

MRP Type: **PD**

Reorder Point: Planning time fence:

Planning cycle: MRP Controller: **000**

Lot size data

Lot Sizing Procedure: **EX**

Minimum Lot Size: **10**

Fixed lot size: Maximum stock level:

LS-Independent Costs: Storage Costs Code:

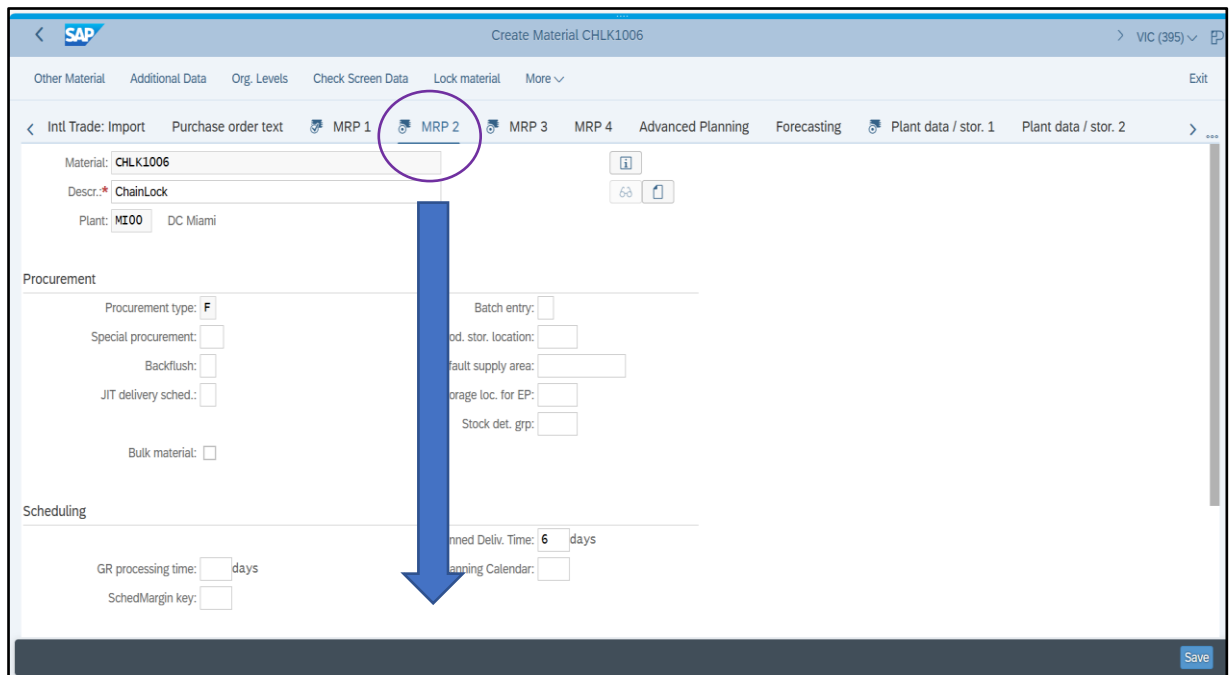
Assembly scrap (%): Takt time:

Rounding Profile: Rounding value:

MRP areas

MRP area exists: ☐ MRP areas

MRP2- VISTAS



The screenshot shows the SAP MRP2 screen for material CHLK1006. The 'MRP 2' tab is selected. The 'Procurement' section shows 'Procurement type' as F. The 'Scheduling' section shows 'Planned Deliv. Time' as 6 days. A blue arrow points from the 'MRP 2' tab to the 'Scheduling' section.

Material: **CHLK1006**

Descr.: **ChainLock**

Plant: **M100** DC Miami

Procurement

Procurement type: **F**

Special procurement: ☐ Batch entry:

Backflush: ☐ Prod. stor. location:

JIT delivery sched.: ☐ Default supply area:

Bulk material: ☐ Storage loc. for EP:

Stock det. grp:

Scheduling

Planned Deliv. Time: **6** days

GR processing time: days

SchedMargin key: Planning Calendar:



MRP2- SCHEDULING MARGIN KEY

SAP Create Material CHLK1006

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Int'l Trade: Import Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

Procurement
Procurement type: F
Special procurement:
Backflush:
JIT delivery sched.:
Bulk material:

Scheduling
GR processing time: days
SchedMargin key: 001

Planned Deliv. time: 6 days
Planning Calendar:

Save

Scheduling Margin Key for Floats (1)

Restrictions

Plant	SMKey	Op.Pd	FIAltProd.	FIRefProd.	ReleasPer.
MI00	000	000	000	000	000
MI00	001	001	001	001	001
MI00	002	010	001	002	005

3 Entries found

MRP2- SCHEDULING MARGIN KEY- 001

SAP Create Material CHLK1006

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Int'l Trade: Import Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2

Special procurement:
Backflush:
JIT delivery sched.:
Bulk material:

Prod. stor. location:
Default supply area:
Storage loc. for EP:
Stock det. grp:

Scheduling
GR processing time: days
SchedMargin key: 001

Planned Deliv. Time: 6 days
Planning Calendar:

Net requirements calculation
Safety stock:
Min safety stock:
Safety time ind.:
STime period profile:

Service level (%):
Coverage profile:
Safety time/act.cov.: days

Save



MRP3

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

< Intl Trade: Import Purchase order text MRP 1 MRP 2 **MRP 3** MRP 4 Advanced Planning Forecasting Plant data / stor. 1 Plant data / stor. 2 > ...

Material: CHLK1006
Descr.: ChainLock
Plant: MI00 DC Miami

Forecast Requirements
Period Indicator: M Fiscal Year Variant: Splitting indicator:

Planning
Strategy Group: Consumption mode: Bwd consumption per.:
Fwd consumption per.: Mixed MRP:
Planning material: Planning plant:
Plng conv. factor: Planning matl BUnit:

Availability check
Availability check: 02
Tot. repl. lead time: days

Save

ACCOUNTING 1-VISTAS

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

< Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management **Accounting 1** Accounting 2 WM Execution WM Packaging Seg. Valuation Data > ...

Material: CHLK1006
Descr.: Chain Lock
Plant: MI00 DC Miami

Period 011/2025 Period 010/2025 Period 012/2024

General Valuation Data
Total Stock: 0 Base Unit: EA each
Division: AS Valuation Cat.:
Valuation Class: Valuated Un:
VC: Sale Ord. Stk: ML Act. Mat. Price Analysis
Project Stock VC: Price Determ.: 2 Transaction-Based

Prices and values
Currency: USD
Company code currency
Standard Price:
Per. unit price:

Save



ACCOUNTING 1-VISTAS-VALUATION CLASS

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management Accounting 1 Accounting 2 WM Execution WM Packaging Seg. Valuation Data

Material: CHLK1006
Descr.: Chain Lock
Plant: MI00 DC Miami

Period 011/2025 Period 010/2025

General Valuation Data

Total Stock:
Division: AS
Valuation Class: 3100
VC: Sale Ord. Stk:
Project Stock VC:

Prices and values

Currency: USD
Company code currency

Standard Price:
Per. unit price:

Valuation Class (1)

Restrictions

ValCl	Description
3100	Trading goods
3105	Third Party Drop Ship
3110	Trading goods Project

3 Entries found

Save

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More

Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management Accounting 1 Accounting 2 WM Execution WM Packaging Seg. Valuation Data

Period 011/2025 Period 010/2025 Period 012/2024

General Valuation Data

Total Stock: 0 Base Unit: EA each
Division: AS Valuation Cat.:
Valuation Class: 3100 ☐ Valuated Un
VC: Sale Ord. Stk: ☒ ML Act.
Project Stock VC: Price Determ.: 2 Transaction-Based

Prices and values

Currency: USD
Company code currency

Standard Price:
Per. unit price: 33.50
Price Unit: 1
Prc. Ctrt.: V
Inventory Value: 0.00

Save



SE GUARDO EL MATERIAL

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ▾ Exit

Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management **Accounting 1** Accounting 2 WM Execution WM Packaging Seg. Valuation Data

Material: CHLK1006
Descr.: Chain Lock
Plant: MI00 DC Miami

Period 011/2025 Period 010/2025 Period 012/2024

General Valuation Data

Total Stock: 0 Base Unit: EA each
Division: AS Valuation Cat.:
Valuation Class: 3100 ☐ Valuated Un
VC: Sale Ord. Stk: ☒ ML Act. [Mat. Price Analysis](#)
Project Stock VC: Price Determ.: 2 Transaction-Based

Prices and values

Currency: USD
Company code currency
Standard Price:
Per. unit price: 33.50

☒ Local currency converted to other currencies using current exchange rate **Save**

SE CREO EL MATERIAL -CHLK1006

SAP Create Material (Initial Screen) VIC (395)

Select View(s) Org. Levels Data More ▾ Exit

Material:
Industry Sector: Retail
Material type: Trading Goods
Change Number:

Copy from...
Material:

☒ Material CHLK1006 created **Continue**

Relación en la Norma NTP ISO/IEC Guía 2:2020

La Guía define una especificación como el documento que establece requisitos.

- En SAP: La vista de "Datos Maestros del Material" (Material Master) actúa como la especificación técnica digital del producto.
- La relación: Al llenar campos obligatorios como Peso Bruto/Neto, Unidad de Medida Base, Tipo de Material y Grupo de Artículos, estás transformando un objeto físico en una entidad normalizada. Estás estableciendo los "requisitos" (atributos) que ese material debe cumplir para ser gestionado por la empresa. Sin esta definición estandarizada, no existe "calidad" medible según la norma.
- En SAP: El sistema asigna un código único al material.
- La relación: Cumple con el objetivo de la normalización descrito en la Guía 2: proveer un lenguaje común. Al crear el material, estandarizas cómo Compras, Almacén y Contabilidad se refieren a ese objeto, asegurando la interoperabilidad de la información.
- En SAP: Cuando configuras las vistas específicas (ej. Datos de Compras o Datos de Contabilidad), estás definiendo la "aptitud" del material.
- La relación: Si defines mal el material en el Paso 2 (ej. asignas una categoría de valoración errónea), el material no será "apto" para ser comprado o inventariado. El proceso en SAP valida que el ítem cumple con las condiciones necesarias para fluir por la cadena de suministro.

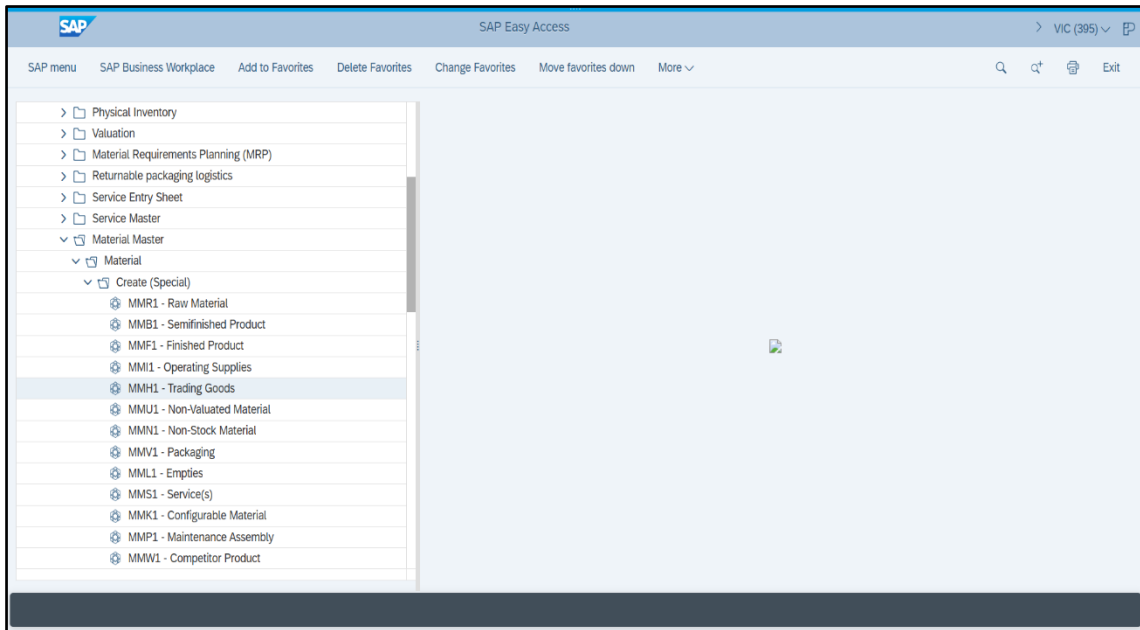
Resumen paso 2:

La creación del Maestro de Materiales en SAP materializa los conceptos de la NTP ISO/IEC Guía 2:2020 este paso transforma un objeto físico en un dato estandarizado, cumpliendo con los principios de normalización que garantizan que el material sea identificable, medible y apto para su uso (interoperable) a lo largo de todos los procesos logísticos y contables de la organización.

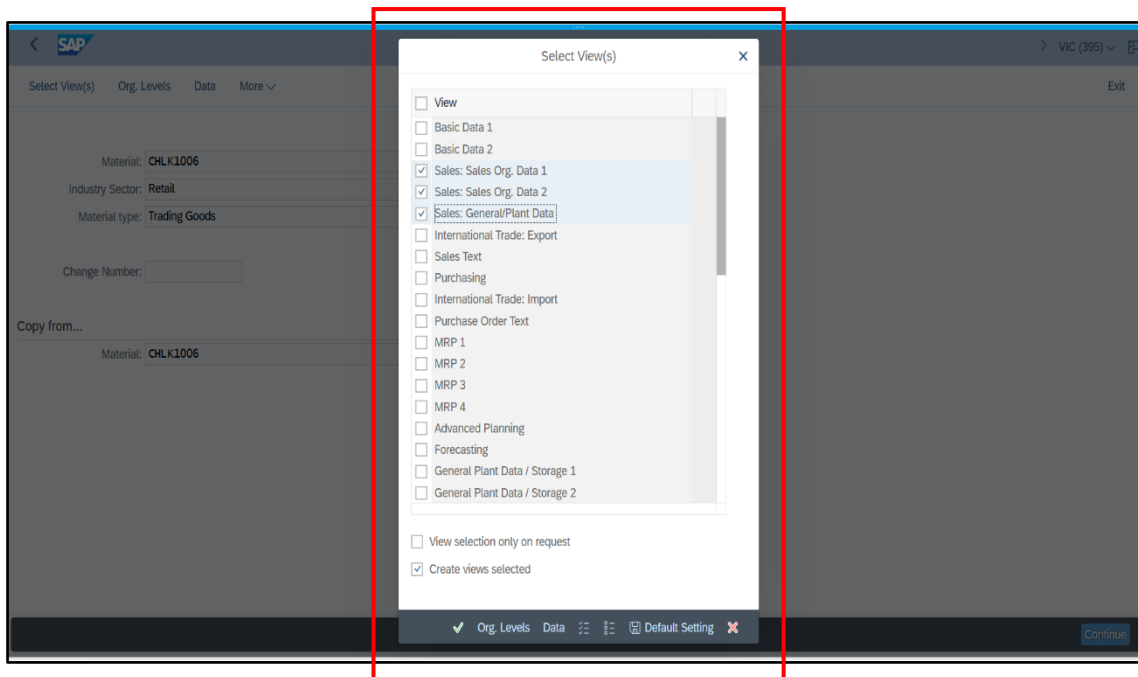
El paso de crear Nuevo Material en SAP permite dar cumplimiento a la R.M. N° 476-2007/MINSA (DIGESA) al integrar los controles sanitarios en el flujo logístico. Mediante la configuración de datos maestros, se valida la vigencia del Registro Sanitario, se definen las condiciones técnicas de almacenamiento seguro y se activa la trazabilidad de sustancias químicas, garantizando que la manipulación de insumos respete los estándares de salud y seguridad ambiental exigidos por la normativa peruana.

AG-1-PASO 3: Extend Material Master for Trading Goods

Logistics ► Materials Management ► Material Master ► Material ► Create (Special) ► Trading Goods



SELECCIONAR 3 VISTAS DE VENTAS



ORGANIZATIONAL LEVELS

SAP Create Material (Initial Screen) VIC (395)

Select View(s) Org. Levels Data More

Material: CHLK1006
Industry Sector: Retail
Material type: Trading Goods
Change Number:
Copy from... Material: CHLK1006

Organizational levels
Plant: SD00
Sales Org.:
Distr. Channel:
☐ Org. levels/prof

Possible Entries: Plants

Maint.	Plant	Name 1
☒	MI00	DC Miami
☐	DL00	Plant Dallas
☐	HD00	Plant Heidelberg
☐	HH00	DC Hamburg
☐	MU00	Plant Munich
☒	SD00	DC San Diego

Choose Maintenance status Cancel

Continue

LISTADO DE ORGANIZATIONAL LEVELS

SAP Create Material (Initial Screen) VIC (395)

Select View(s) Org. Levels Data More

Material: CHLK1006
Industry Sector: Retail
Material type: Trading Goods
Change Number:
Copy from... Material: CHLK1006

Organizational levels
Plant: SD00
Sales Org.: UW00
Distr. Channel: WH
☐ Org. levels/prof

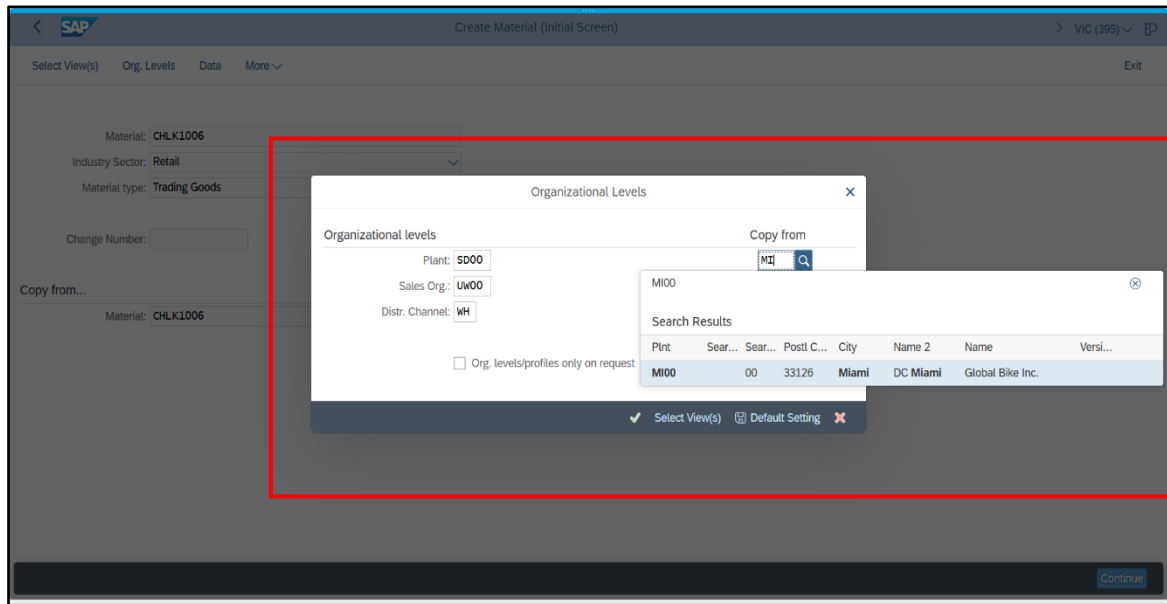
Possible Entries: Sales organizations/distribution channels

Maint.	SOrg.	DCh	Name	Name
☒	UE00	WH	US East	Wholesale
☐	DB00	BS	DE Bavaria	Bike Sharing
☐	DN00	IN	Germany North	Internet
☐	DN00	WH	Germany North	Wholesale
☐	DS00	WH	Germany South	Wholesale
☐	UW00	IN	US West	Internet
☒	UW00	WH	US West	Wholesale

Choose Cancel

Continue

LISTADO DE ORGANIZATIONAL LEVELS (COPY FROM)- TRANSFERIR A OTRA PLANTA CON LOS MISMOS DATOS.



Organizational Levels

Copy from

Plant: SD00

Sales Org.: U000

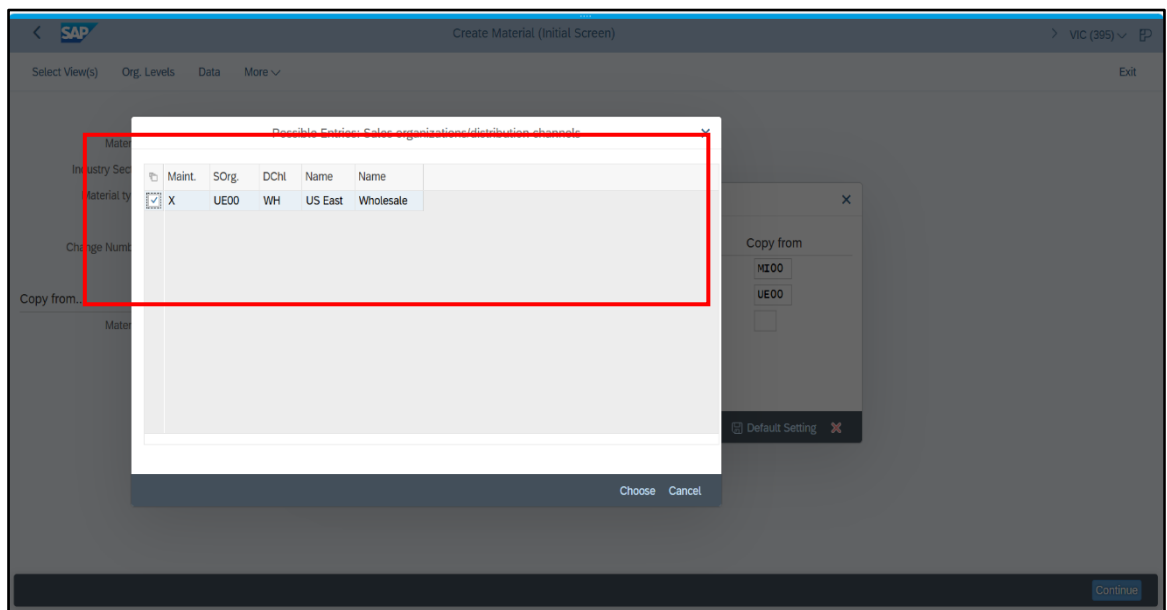
Distr. Channel: WH

☐ Org. levels/profiles only on request

Search Results

Plant	Sear...	Sear...	Postl C...	City	Name 2	Name	Versi...
MI00	00	33126		Miami	DC Miami	Global Bike Inc.	

Select View(s) Default Setting



Possible Entries Sales organization/distribution channels

Maint.	SOrg.	DChl	Name	Name
X	UE00	WH	US East	Wholesale

Choose Cancel



SAP Create Material (Initial Screen)

Material: CHLK1006
Industry Sector: Retail
Material type: Trading Goods
Change Number:
Copy from... Material: CHLK1006

Organizational Levels

Organizational levels	Copy from
Plant: SD00	MI00
Sales Org.: UW00	UE00
Distr. Channel: WH	WH

☐ Org. levels/profiles only on request

Select View(s) Default Setting

Continue

Sales: sales org.

SAP Create Material CHLK1006

Other Material Additional Data Org. Levels Check Screen Data Lock material Services for Object More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing Intl Trade: Import

Material: CHLK1006
Descr.: Chain Lock
Sales Org.: UW00 US West
Distr. Chl: WH Wholesale

General data

Base Unit of Measure: EA each Division: AS Accessories
Sales unit: Sales unit not var.:
Unit of Measure Grp:
X-distr.chain status: Valid from:
DChain-spec. status: Valid from:
Delivering Plant: MI00 DC Miami
Material Group: UTIL Utilities
Cash Discount: ☒ Conditions

Tax data

Co...	Country	Tax ...	Tax category	T...	Tax classification
-------	---------	---------	--------------	------	--------------------

The material already exists and will be extended View Details Save

CAMBIAR PLANTA SD00- SAN DIEGO



SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material Services for Object More Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing Intl Trade: Import

Material: CHLK1006 Descr.* Chain Lock Sales Org.: UW00 US West Distr. Chl: WH Wholesale

General data

Base Unit of Measure: EA each Division: AS Accessories
Sales unit: Sales unit not var.:
Unit of Measure Grp:
X-distr.chain status: Valid from:
DChain-spec. status: Valid from:
Delivering Plant: SD00 DC Miami
Material Group: SD00
Cash Discount: Search Results
Conditions

Tax data

Co. Country Tax ... Tax category T... Tax classification

the material already exists and will be extended View Details Save

SAP Create Price Condition (PR00) : Scales VIC (395)

Details Additional Data Validity Periods Free Goods Condition Texts Status Information... Conversion Factors... Key... Cumulative Values... More Exit

Variable key

Sales Org.	DChl	Material	Status	Description
UW00	WH	CHLK1006		Chain Lock

Validity

Valid From: 11/05/2025 Valid To: 12/31/9999 Scale Basis: C Quantity scale Check: A Descending

Scales

Scale Type	Scale quantity	* U... Amount	* Unit	* per	* UoM
From	1	EA	65	USD	1 EA

Save



REGRESO Y VEMOS LAS VISTA QUE YA ESTAN COPIADAS- SALES ORG.1

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material Services for Object More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing Intl Trade: Import

General data

Base Unit of Measure: **EA** each Division: **AS** Accessories

Sales unit: Sales unit not var.: ☐

Unit of Measure Grp: X-distr.chain status: Valid from: DChain-spec. status: Valid from: Delivering Plant: **SD00** DC San Diego Material Group: **UTIL** Utilities Cash Discount: ☒ Conditions

Tax data

Co...	Country	Tax ...	Tax category	T...	Tax classification
US	USA	UTXJ	Tax Jurisdct.Code	0	Exempt
US	USA	UTX2	County Sales Tax	0	Exempt
US	USA	UTX3	City Sales Tax	0	Exempt

Entry: 1 of: 3 Save

TANTO EN LA VISTA - SALES ORG.2

SAP Create Material CHLK1006 VIC (395)

Other Material Additional Data Org. Levels Check Screen Data Lock material Services for Object More

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Intl Trade: Export Sales text Purchasing Intl Trade: Import

Material: **CHLK1006**

Descr.: **Chain Lock**

Sales Org.: **UW00** US West

Distr. Chk: **WH** Wholesale

Grouping terms

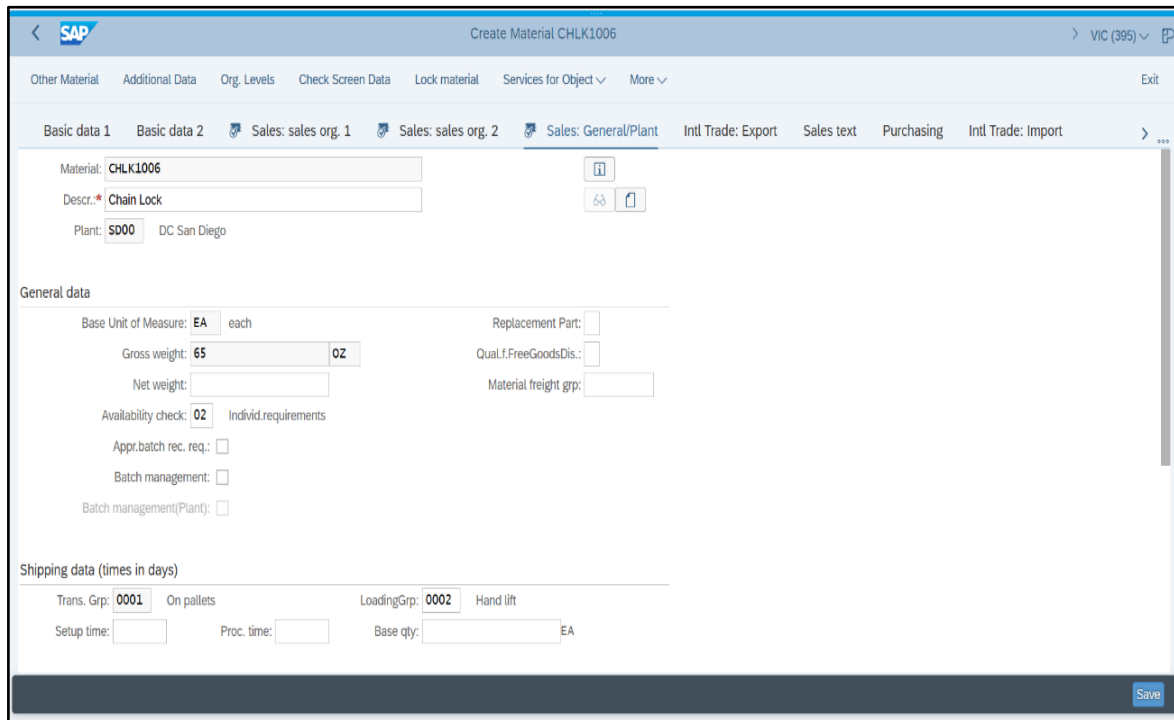
Matl statistics grp: **1** 'A' Material Material Price Grp: Volume Rebate Group: Acct Assmt Grp Mat.: Gen. item cat. grp: **NORM** Standard item Item category group: **NORM** Standard item Pricing Ref. Mat: Product hierarchy: Commission Group:

Product attributes

☐ Product attribute 1	☐ Product attribute 2	☐ Product attribute 3
☐ Product attribute 4	☐ Product attribute 5	☐ Product attribute 6
☐ Product attribute 7	☐ Product attribute 8	☐ Product attribute 9

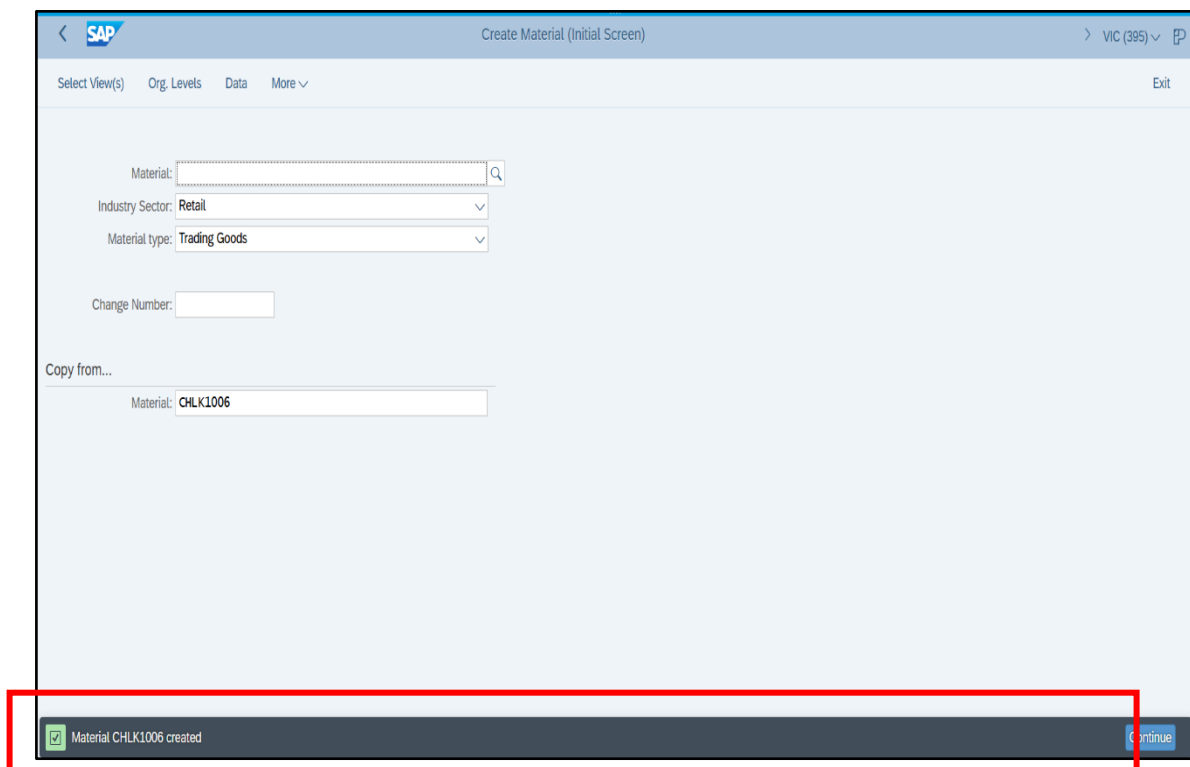
Save

Y VISTA SALES: GENERAL/ PLANT



The screenshot shows the SAP 'Create Material' interface for material CHLK1006. The 'Sales: General/Plant' tab is selected. The material is named 'Chain Lock' and is assigned to plant 'SD00' (DC San Diego). The 'General data' section includes fields for Base Unit of Measure (EA), Gross weight (65), Net weight (02), and Availability check (02). The 'Shipping data' section shows Trans. Grp (0001) and LoadingGrp (0002). A 'Save' button is visible at the bottom right.

EL MATERIAL FUE CREADO EN LA PLANTA SAN DIEGO



The screenshot shows the 'Create Material (Initial Screen)' in SAP. The material is named 'Chain Lock' and is assigned to plant 'SD00' (DC San Diego). The 'General data' section includes fields for Base Unit of Measure (EA), Gross weight (65), Net weight (02), and Availability check (02). The 'Shipping data' section shows Trans. Grp (0001) and LoadingGrp (0002). A 'Save' button is visible at the bottom right.

Material: CHLK1006 created

Relación con ISO 9001:2015 - Art. 8.5.1 (Control de la producción y de la provisión del servicio)

- El sistema SAP funciona como un mecanismo de control operacional para cumplir con las normativas ISO. En el Paso 3, por ejemplo, la extensión del material "Chain Lock" a la planta SD00 no es una simple copia; el sistema exige definir nuevos datos como la planta de entrega y el precio (65.00 USD).
- En SAP: El sistema bloquea cualquier transacción (compra o movimiento) si el material no ha sido extendido.
- La Relación: Esto actúa como un Poka-Yoke (a prueba de errores). Asegura que el servicio logístico solo ocurra donde está formalmente planificado y autorizado.

Relación con ISO 21001:2018

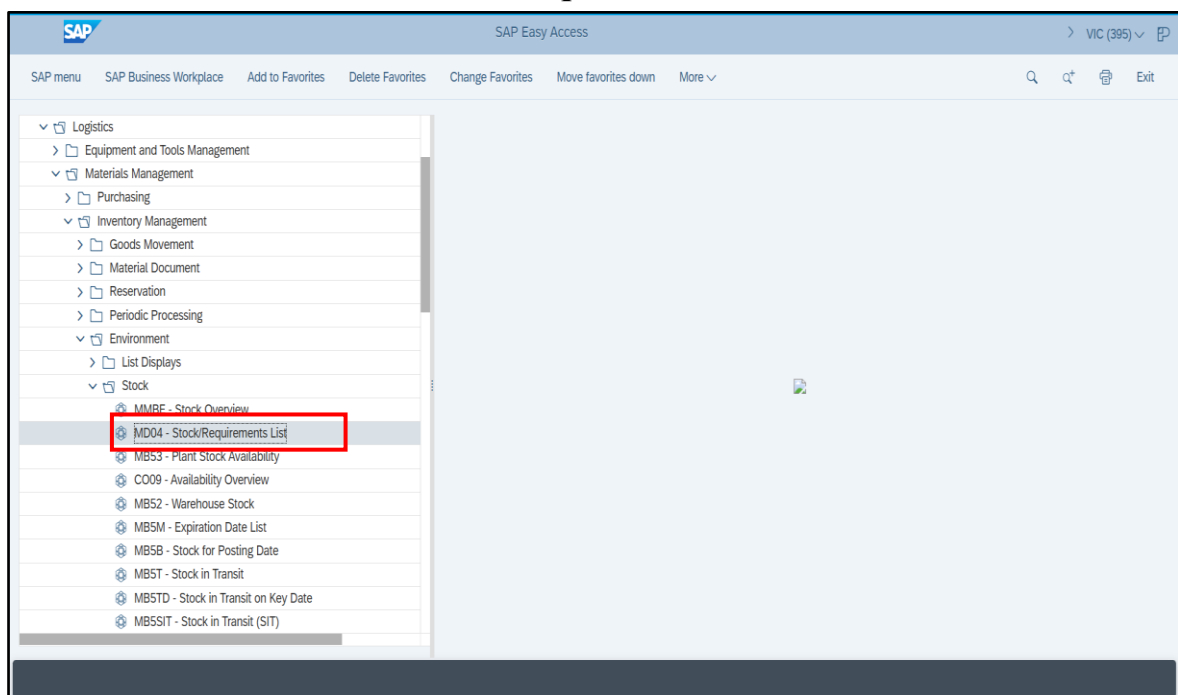
- En SAP: Al extender las vistas de MRP (Planificación de Necesidades), Esta acción cumple con el artículo 8.3 de la ISO 21001:2018, que obliga a planificar, documentar y controlar cualquier modificación en el diseño (en este caso, de los datos del producto). El sistema mantiene la coherencia en el nuevo centro y, al mismo tiempo, preserva la integridad del registro original.

Resumen paso 3:

El Paso 3: Extender el Material en SAP, la exigencia de trazabilidad de esa misma norma se satisface porque SAP registra un historial de cambios (usuario, fecha, datos), garantizando el control documental para auditorías. Este enfoque también cumple con la ISO 9001:2015.

AG-1-PASO 4: Display Stock/Requirements List

Logistics ► Materials Management ► Inventory Management ► Environment ► Stock ► Stock/Requirements List



Lista de existencias/requisitos-MI00-BUSQUEDA

Stock/Requirements List: Initial Screen

> VIC (395)

More

Exit

Individual access

Collective access

Material: * CHLK1006

Description: Chain Lock

MRP Area:

Plant: MI00

With filter:

Search Results

Pint	Material	Name 1
MI00	CHLK1006	DC Miami

Lista de existencias/requisitos-PLANTA MI00-MIAMI

[illegible]

Lista de existencias- SD00-BUSQUEDA

Stock/Requirements List: Initial Screen

vic (395)

Exit

Individual access

Collective access

Material: *CHLK1006

Description: Chain Lock

MRP Area: DC Miami

Plant: SD DC Miami

With filter:

Search Results

Plnt	Material	Name 1
SD00	CHLK1006	DC San Diego

Lista de existencias- Requisitos-PLANTA SD00-SAN DIEGO

[illegible]

Relación con ISO 9001:2015 (Cláusula 7.5: Información Documentada)

- En SAP: La transacción "Lista de necesidades/stock" centraliza toda la información logística (pedidos, reservas, stock físico) en una sola pantalla en tiempo real.
- La relación: Elimina la necesidad de kardex físicos o cuadernos de almacén desactualizados. SAP garantiza que el planificador de compras tenga acceso inmediato a la "verdad" sobre el estado del material, cumpliendo con el requisito de disponibilidad inmediata para asegurar la continuidad del proceso productivo.

Trazabilidad y Origen de los Datos (Evidencia de Conformidad)

- En SAP: Este reporte muestra la vinculación entre la oferta y la demanda. Puedes ver que una "Solicitud de Pedido" (PurRqs) se generó automáticamente porque el stock cayó por debajo del punto de pedido.
- La relación: Actúa como evidencia documentada dinámica. Si un auditor pregunta "¿Por qué compraron este material?", la lista de necesidades muestra el origen del requerimiento, garantizando la trazabilidad y justificando la decisión de compra.

Protección e Integridad (Cláusula 7.5.3.b)

- En SAP: La "Lista de necesidades/stock" es un reporte de solo lectura o visualización en este paso (Display). El usuario puede ver el estado, pero no puede alterar los números arbitrariamente sin ejecutar una transacción oficial (como una entrada de mercancías).
- La relación: Asegura la integridad de los datos.

Resumen paso 4:

El paso de Visualizar la Lista de Necesidades/Stock en SAP operacionaliza la Cláusula 7.5 de la ISO 9001:2015 al funcionar como el mecanismo de Control de Información Documentada. Esta herramienta garantiza que los datos críticos sobre el estado del inventario estén disponibles y actualizados en tiempo real para los tomadores de decisiones, asegurando la trazabilidad entre la demanda y el suministro, y protegiendo la integridad de la información logística frente a manipulaciones manuales no autorizadas.

Reflexión AG-1:

A lo largo de esta actividad pude identificar con mayor claridad los factores clave que intervienen en la correcta creación y administración de los datos maestros en SAP. Registrar de manera precisa la información del proveedor y del material me permitió comprender que cualquier mínima inconsistencia puede generar retrasos o errores en procesos posteriores, como compras, gestión de inventarios o recepción de mercancías.

Asimismo, el análisis de elementos como unidades de medida, tipos de material y condiciones de pago me llevó a emplear un enfoque analítico propio de la ingeniería industrial, evaluando cómo cada dato impacta en el flujo logístico completo. Esta experiencia fortaleció mi comprensión sobre la importancia de la trazabilidad, la estandarización y el control de la información, pilares esenciales para garantizar la calidad y confiabilidad de los procesos en entornos reales.