



**SAP User Manual for Measuring Point and Measuring Document
Creation**

**Indian Ports Association (IPA)
Implementation of Port EBS Project
Enterprise Business System**

**Business Process Manual for Measuring
Point & Measuring Document Creation**

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SAP User Manual for Measuring Point and Measuring Document Creation

This document is a desk reference tailored to the Maintenance Specialists. It is intended to provide information that will be helpful to support the Maintenance processes.

Document History:

Authors & Participants	
Role	Name

Revision History			
Date	Document Version	Document Revision Description	Author
01.11.2019	1.0	Initial Draft	



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Reviewed and Approved By			
Name	Title	Date	Approved



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In this chapter we are going to learn about how Master Data transactions will be handled in SAP system. Measuring Point and Document creation is covered in this business process manual document.

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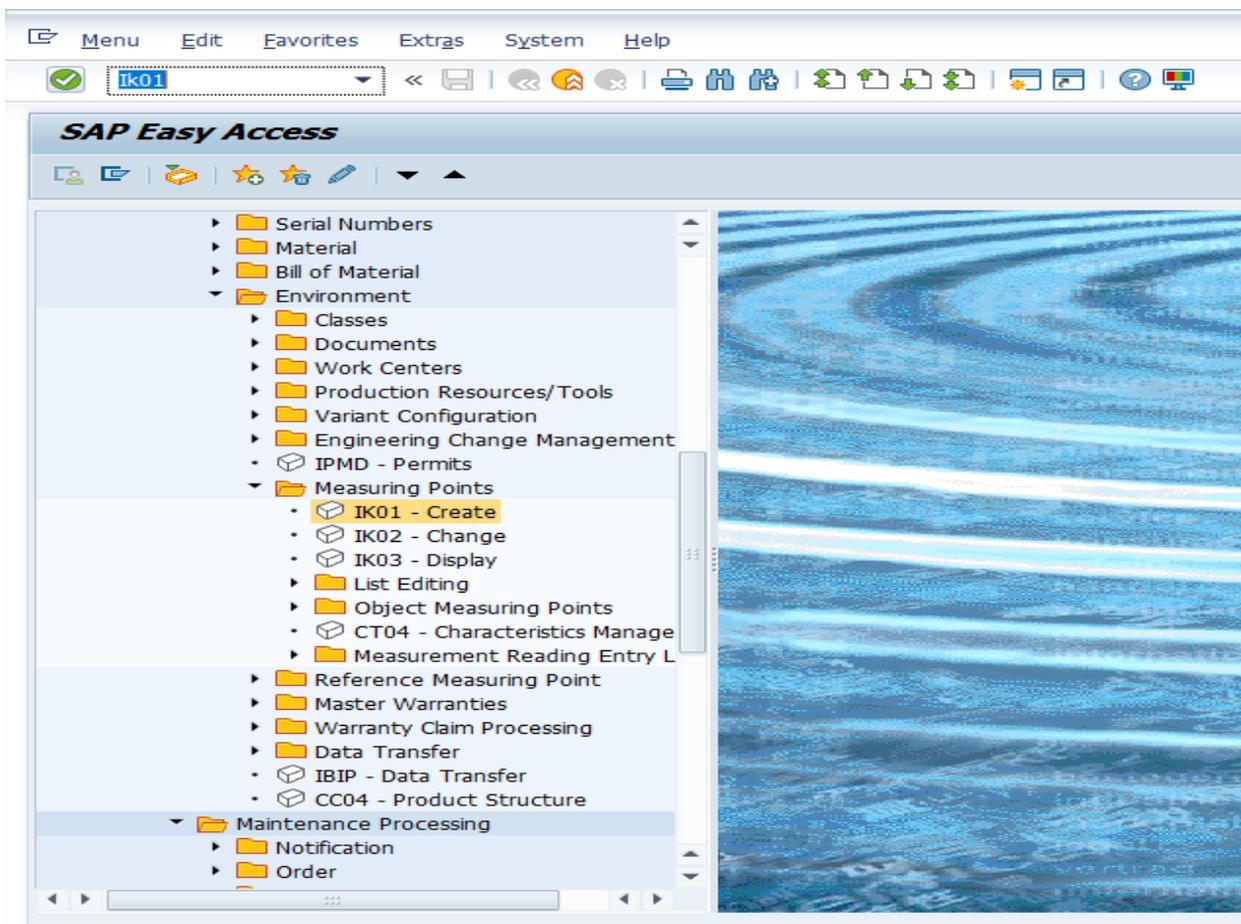
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Creation of Measuring Point

The below transaction code which we can use for creation of Equipment

Step 1: Enter Transaction code IK01 in command bar (or) Follow the below navigation path



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Step 2: Double click on “IK01” the system will open the below screen

In the next screen

The screenshot shows the SAP 'Create Measuring Point: Initial screen' interface. The menu bar includes 'Measuring Point', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main content area is titled 'Create Measuring Point: Initial screen' and contains the following fields and annotations:

- MeasPointObject:** IEQ Equipment. An annotation box points to this field with the text: "Enter the Equipment to maintain measuring point".
- Equipment:** 10002004. This field is also pointed to by the same annotation box.
- Description:** MeasPtCategory: M MeasPoint (general).
- MeasPoint is counter:** A checkbox that is checked. An annotation box points to this checkbox with the text: "Check box to checked for counter Measuring points".



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Step3:

Enter the below details mentioned for Measuring Point

The screenshot shows the SAP 'Create Measuring Point: General Data' form. The form is divided into several sections: 'Additional Data...', 'General data', and 'Counter data'. Three callout boxes provide instructions for specific fields:

- Enter the Position of Meter & Description:** Points to the 'MeasPosition' field, which contains 'HR Reading Top'.
- Select the characteristic for Measuring point:** Points to the 'Characteristic' field, which contains 'Z_PM_HOUR'. A checkbox labeled 'MeasPoint is' is also visible.
- Enter the annual Estimate:** Points to the 'AnnualEstimate' field, which contains '+ 8760'.

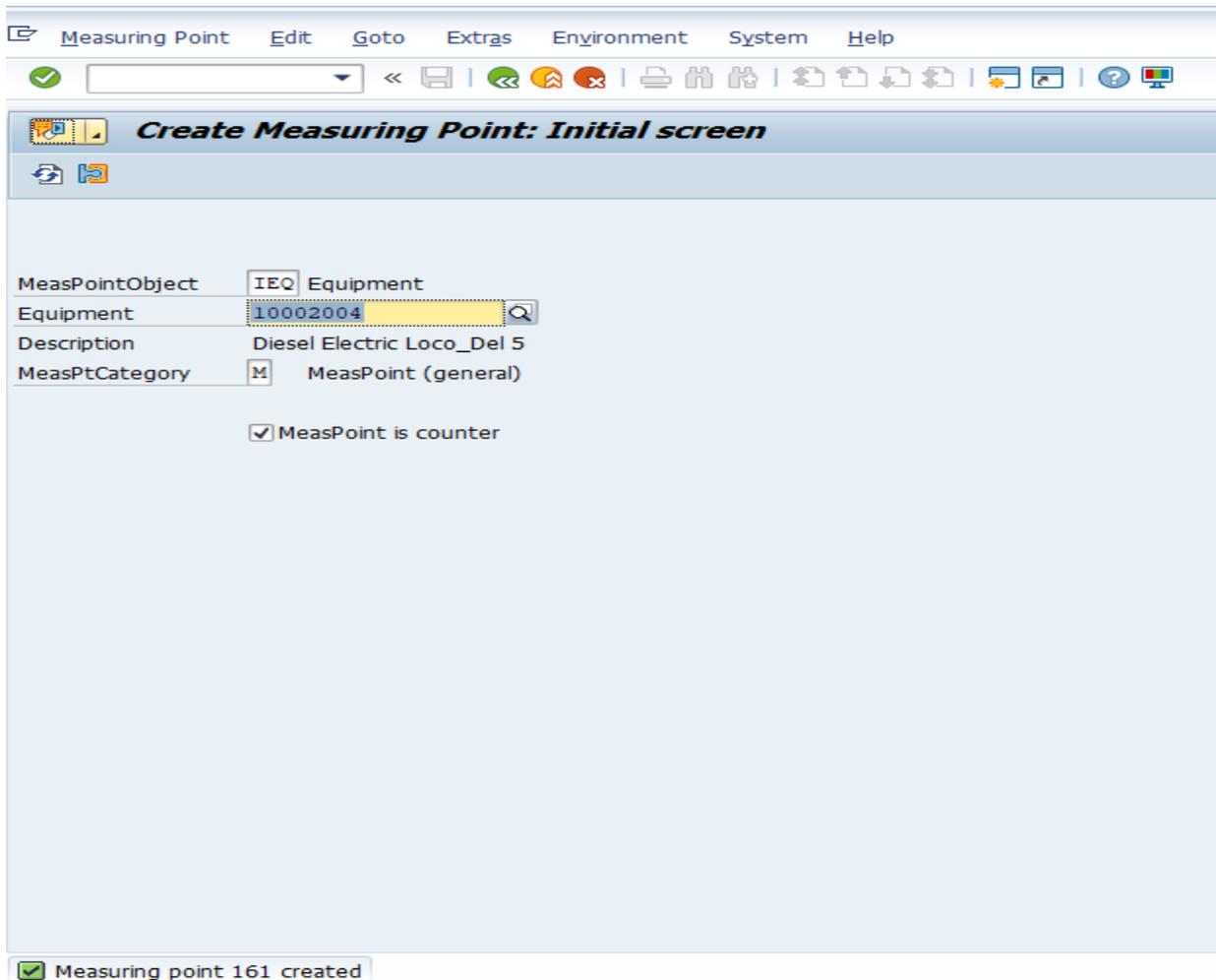
Other visible fields include 'Measuring point' (161), 'Description' (Hour Reading), 'Equipment' (10002004), 'Description' (Diesel Electric Loco_Del 5), 'CharactUnit', 'Decimal places', 'Code group', 'Assembly', 'AuthorizGroup', 'MeasReadTransf.' (Supported), 'Transfer of', 'CntOverReadg', and 'Text'.



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Step4:

After Entering details click “Save” Icon system message “ Measuring point 161 created ”

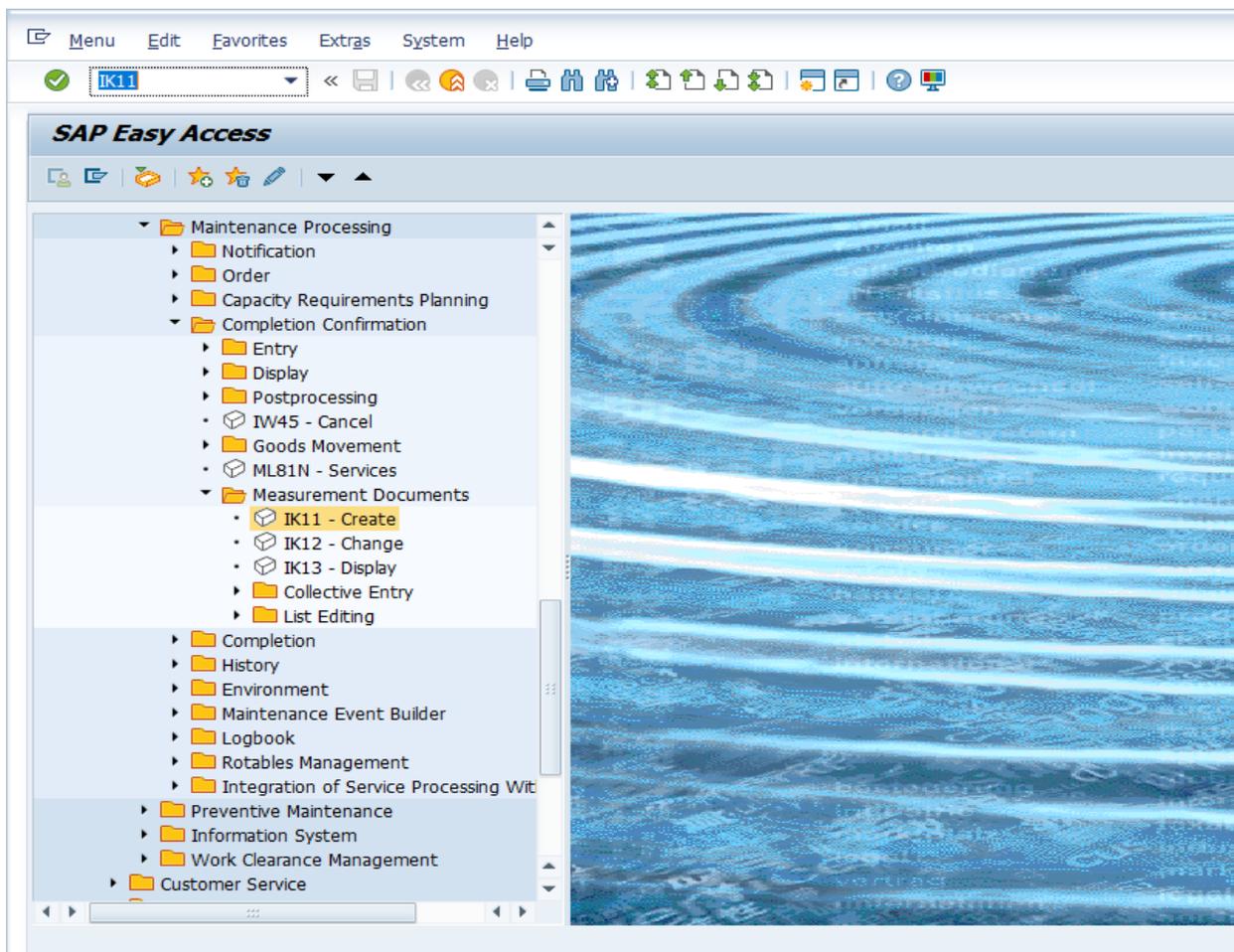


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Measuring Document Creation

The below transaction code which we can use for creation of Equipment

Step 1: Enter Transaction code IK11 in command bar (or) Follow the below navigation path





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Step2:

Enter the measuring point for creation of measuring document

The screenshot shows the SAP 'Create Measurement Document: Initial screen'. At the top is a menu bar with 'Measurement Document', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area has a title bar 'Create Measurement Document: Initial screen' and a small icon. Below this, there is a 'Measuring point' field with the value '161' and a copy icon. Underneath is a 'Default values' section with a table:

Default values	
MeasTime	28.01.2021 / 08:40:36
Read by	SB00621355



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Step 3:

Enter the measuring counter reading need to be documents

Measurement Document Edit Goto Extras Environment System Help

MeasDocuments Previous Measurement Document... Last Measurement Document...

MeasDocument: 242
Measuring point: 161 Cat.: M MeasPoint (general)
MeasPosition: HR_READING_TOP Hour Reading
Equipment: 10002004
Description: Diesel Electric Loco_Del 5

Document data

MeasurementTime: 28.01.2021 / 08:41:16 Documtd after task
Characteristic: Z_PM_HOUR Hour meter
CharactUnit: hrs Hours
Counter reading: **Enter the Counter Reading**
Difference: +
TotalCtrReading: +
Valuation code:
Text: Long text

Additional information

Read by: SB00621355
ProcessStatus:



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Step 4:

Once reading Entered save the Measuring document using “Save” Icon

Measurement Document Edit Goto Extras Environment System Help

MeasDocuments Previous Measurement Document... Last Measurement Document...

MeasDocument 242
Measuring point 161 Cat. M MeasPoint (general)
MeasPosition HR READING TOP Hour Reading
Equipment 10002004
Description Diesel Electric Loco_Del 5

Document data

MeasurementTime 28.01.2021 / 08:41:16 Documtd after task
Characteristic Z_PM_HOUR Hour meter
CharactUnit hrs Hours
Counter reading 200
Difference 200
TotalCtrReading 200
Valuation code
Text Long text

Additional information

Read by SB00621355
ProcessStatus

