



## SIDE DOOR ELEVATOR 5" 350 TON CAT IV INSPECTION REPORT

<b>Customer:</b>	<b>HONG HUA OIL &amp; GAS ENGINEERING SERVICES.</b>	<b>Date of inspection:</b>	<b>14-July-2024</b>
<b>Rig Name:</b>	<b>HH-29 / AS-67</b>	<b>Report No:</b>	<b>QC-HH-May-24-0200-006</b>
<b>Type of Inspection:</b>	<b>CAT IV Inspection.</b>	<b>Specification:</b>	<b>API RP 8B</b>

### PROCEDURE

The Rig Was Equipped with Jiangsu RYTONG PETRO Machinery Co., LTD (Side Door Elevator 5" D/P)

<b>QTY:</b>	1 (set)
<b>Equipment:</b>	Side Door Elevator
<b>Product Type:</b>	DDZ 5" EU.5IEU-350 (ton)
<b>Equipment SN#:</b>	231045
<b>Manufacture:</b>	Jiangsu RYTONG PETRO Machinery Co., Ltd
<b>Date Of Manufacture:</b>	Nil
<b>SIZE:</b>	5" EU.5IEU-350 Ton
<b>Ref Standard:</b>	API RP 8B
<b>Next Examination:</b>	After 6 Month

**Remarks:**

CAT IV Inspection Was Carried Out on Side Door Elevator 5" and Found Accepted At The Time of Inspection:

<b>ASNT Level II Inspector Name:</b>	<b>Syed Aamir Ali</b>	<b>Supervisor:</b>	<b>NAVEED HUSSIEN</b>
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**Customer Reprehensive**





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### PROCEDURE

The Products Have Been Inspected and Found Them Conformable to Relevant

The Rig was Equipped with Jiangsu RUTONG PETRO Machinery Co., Ltd ELEVATOR with following Specification

Side Door Elevator was found partly stripped down /assembled condition for CAT IV Inspection.

1- Visually Check for Any Damage Wear Distortion .....Etc.	Performed
2- Check Marking of Serial Number.	Performed
3- Clean the Weld Area from Any Rust Painting Using Grinder Brush.	Performed
4- Visual Examination for Weld Area.	Performed
5- Visual Examination for Critical Area	Performed
6- Apply White Contrast for Weld Area.	Performed
7- Apply White Contrast for Critical Area.	Performed
8- Perform MPI Using Permanent Magnet and Black Ink.	Performed
9- MPI Interpretation <b>API RP 8B</b> Acceptance Criteria.	Performed

### PROCEDURE

\*\* Visual And MPI Was Carried Out on The Available Welding and Critical Areas of The Side Door Elevator and Found Satisfactory for Further Use.

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Inspector Name:**

**Syed Aamir Ali**



**Supervisor:**

**NAVEED HUSSIEN**

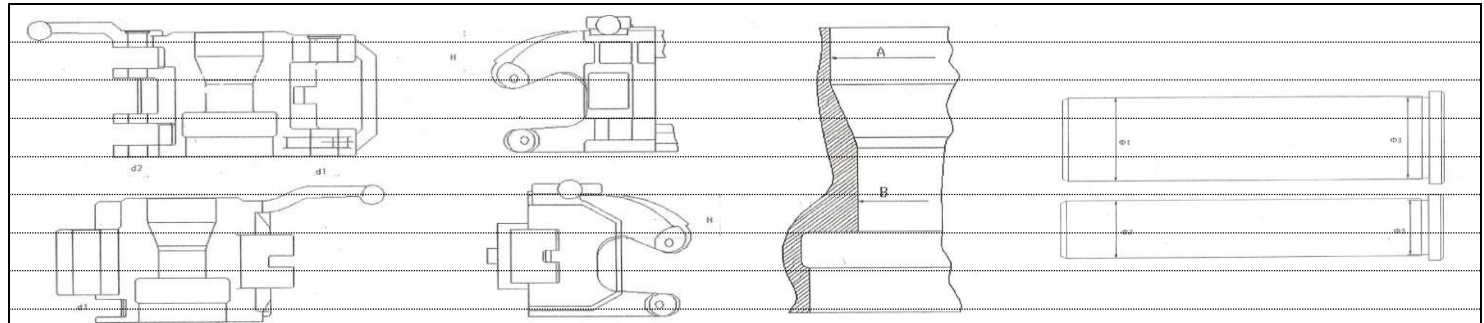
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DESCRIPTION	ACTUAL VALUE	OEM VALUES MIN & MAX VALUE	RESULT
Lifting Ear (D)	118	Min: 116mm	<b>Qualified</b>
Hinge Pin Hole (A)	68.03	Max: 68.22 mm	<b>Qualified</b>
Hinge Pin (A)	67.95	Min: 67.73 mm	<b>Qualified</b>
The clearance A	0.78	Max: 1.143 mm	<b>Qualified</b>
Latch Pin Hole (B)	48.89	Max: 48.18 mm	<b>Qualified</b>
Latch Pin (B)	48.1	Min: 47.73 mm	<b>Qualified</b>
The clearance B	0.52	Max: 0.889 mm	<b>Qualified</b>
Hight (G)	75.2mm	Min: 45mm	<b>Qualified</b>
The distance (E)from the center	204mm	204mm	<b>Qualified</b>
Pin Hole Maximum Clearance (A)	68.22mm	68.67mm	<b>Qualified</b>
Pin Hole Maximum Clearance (B)	47.92mm	48.53mm	<b>Qualified</b>

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### PICTORIAL



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