

CHARTEX

CREDO™

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From

Synectica
Solutions, Systems & Software

Plant Inspection Management Software

Item

Identifier	RBI Level	Serial	Description	Item Type	P+ID
36"WT-2311-1B6s-lpa	Low	2311	LVR FEED/ND1 CTU	LINE	31704/M
RX-0392	High	0392	VC5601B AIR COOLER	SPHEF	27117/M
002.5"MT-0012-1B6s-let	Low	0012	PP PRODUCT COOLER	LINE	27117/M
PU1-1234	Med	1234	WATER WASH TOWER	SPHEF	87009/1830/2001/A040
06"WT-9374-6B3a-lu	Low	9374	METHANOL EXPORT LINE TSV	LINE	87009/1830/2001/A040
06"WT-2425-6B3a-lpa	High	2425	METHANOL EXPORT LINE TSV	LINE	87009/1830/2001/A040
06"MT-5678-6B3a-lu	Low	5678	METHANOL EXPORT LINE TSV	LINE	87009/1830/2001/A040
06"MT-5563-6B3a-lu	Low	5563	METHANOL EXPORT LINE TSV	LINE	87009/1830/2001/A040
002.5"ML-3433-1B6s-lu	Low	3433	LVR FEED/ND1 CTU	LINE	31704/M
PA-TANK-0021	Med	0021	LVR FEED/ND1 CTU	TANK	31704/M
02"ST-34523-7B6a-lp-lst	Med	34523	HP Steam	LINE	31704/Me
06"ST-0144-6B3a-let	Med	0144	HP Steam	LINE	87009/1830e
PA-5433	High	5433	VC5601B AIR COOLER (Vessel)	SPHEF	87009/1836
PU1-2314	Low	2314	LVR FEED/ND1 CTU	SPHEF	87009/1867t
Structure-25134	Med	25134	LVR FEED/ND1 CTU	Structu	87009/1564

UT Readings

Pnt.	Mat.	Nom.	Dec 12 1989	Sep 01 1990	Apr 25 1991	Sep 10 1991	Oct 01 1992	Sep 15 1993	Nov 18 1994
	36"-1B6s	7.50	9.40	9.00	8.60	8.90	7.00	7.00	5.40
	36"-1B6s	7.50			7.00	6.30	6.00	5.70	5.00
	36"-1B6s	7.50						5.60	4.00
	36"-1B6s	7.50						5.60	
	36"-1B6s	7.50			8.00		7.50	7.20	7.10
	36"-1B6s	7.50	10.00		9.00	8.40		6.40	
	36"-1B6s	7.50	9.00		8.20	8.00	7.50	6.00	5.70
	36"-1B6s	7.50	9.00		10.00	8.70	8.00	8.40	7.60

Zoom X 1.2

- CREDO™ is a powerful software system for the maintenance management of complex process plants and static pressure systems. Key strengths lie in the areas of inventory management, corrosion data collection, trending, criticality, risk analysis, reporting, planning and scheduling.
- CREDO is new generation software, designed to run on Microsoft® Windows™ (32bit) systems and to integrate closely with other databases and documentation systems (Oracle, CAD etc.).
- Fully Integrated Risk Based Inspection (RBI) capabilities within CREDO enable the formulation of effective inspection and maintenance strategies for the most complex plants.
- CREDO is rapidly becoming established as a leading software system for the management of inspection, corrosion monitoring and maintenance at petrochemical facilities such as refineries, gas terminals, and offshore production platforms.

Item Spreadsheet

Group	Identifier	Serial	Description
D 3622	D 3622	D 3622	SGP BUT4
D 3623	D 3623	D 3623	SGP BUT4
D 3635	D 3635	D 3635	RIITANF 4

C:\BMP\CSCAN.BMP

Menu/LEFT NOVEMBER 1994 4 MHz 12mm 0/0

C:\BMP\0000033.BMP



Item

Identifier	RBI Level	To	Site	System	Material Specification	Pr
06"-P-41535-5A3a-Ih-L0/w	4	H102	*	02-P	5A3a-06"	MI
06"-P-1041-5A1a--LOW	1	W106	*	02-P	5A1a-06"	MI
04"-P-1041-5A1a--LOW	1	W106	*	02-P	5A1a-04"	MI
03"-P-41527-5A3a--	4	*	CTU	02-P	5A3a-03"	MI
04"-P-1253-5A3a--	1	W105 NOZZLE 'D'	*	02-P	5A3a-04"	MI
02"-P-1012a-5A3a-Ih-L0/w	1	REGULAR COKER	*	06-P	5A3a-02"	LC
10"-P-41515-5A1a-Ih-CAUSTIC	4	LINE P41516	*	02-P	5A1a-10"	MI
14"-P-1251-4A1a--	1	LINE P1052	*	02-P	4A1a-14"	MI
04"-P-1012-5A3a-Ih-L0/w	Low	1 LINES P1012a	*	01-P	5A3a-04"	LC
02"-P-1012-5A3a-Ih-L0/w	Low	1 LINES P1012a	*	01-P	5A3a-02"	LC
06"-P-1012-5A3a-Ih-L0/w	Low	1 LINES P1012a	*	01-P	5A3a-06"	LC
02-P					1C3a-06"	MI
02-P					1C3a-06"	LC
02-P					1A3a-08"	LC
02-P					1A3a-02"	LC
02-P					1A3a-08"	LC
02-P					1A3a-06"	LC
02-P					1A3a-06"	LC
02-P					1A3a-08"	LC
02-P					1A3a-04"	LC
02-P					1A3a-08"	LC
02-P					5A3a-04"	MI
02-P					1A3a-08"	LC

Service

Tube Data

	Radiant Outlet	Radiant Inlet	Convection	Conv. Steam Coil
Tube Material	9Cr 1Mo	9Cr 1Mo	9Cr 1Mo	
Tube O.D.	6.675	6.675	5.563	
Tube Wall Thickness	7.11	7.11	6.55	
Corrosion Allowance	1.59	1.59	1.59	
Arrang Hor / Vert	VERT	VERT	HORIZ	
No. of Parallel Coils	2	2	2	
No. of Tubes Per Coil	24	24	48	
Type of Return Bend	180°	180°	180°	
Nom. Size of R / Bend	7.11	7.11	6.55	

Burner Data

Manufacturer: JOHN ZINC

Type of Burner / Gun: LNV-PC-50

No. of Burners: 8

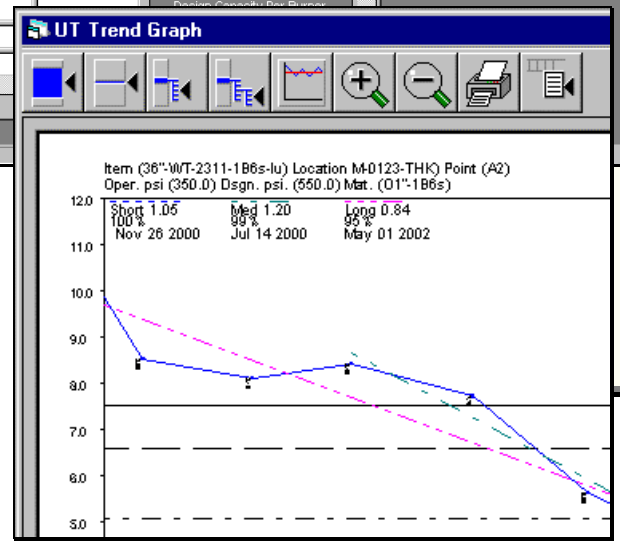
Location in Furnace: FLOOR

Asset Management
 Inspection
 Corrosion
 Risk Analysis
 Maintenance
 Reporting

Furnace

Group: 1=Heater Item: H 3401 T-A234 WPS

Database: C:\CREDO32\HUMBER.C32 Shared No User: Baldock Richard Status



Risk Rating

Consequence: 3.00 - Mitigating Factor: 2.00 × Probability: 8.55 = Risk: 8.55

Result 1.0

Consequences | Mitigating Factors | Probability

Code	Description	Significance
1	Air Pollution 1 Minor Irritation to Skin, Eyes, Thro.	1.0
2	Injury level 1 Minor Injury	1.0
3	Shutdown Factor 1 Moderate shutdown and repair op	1.0

Report Generator (ITEM TABLE)

New Report

Add Remove Print/Preview Save

Columns Filter-Sort General Fonts Printer

Internal Inspection Priority	Description
Internal Worst Corrosion Rate	Drawing Flag
Item Type	ESS Result
Last External Inspection	General UT Inspection Interval
Last External Visual Inspection	Internal Visual Inspection Interval
Last General UT Inspection	
Last Internal Inspection	
Last Internal Visual Inspection	
Last MPI Inspection	
Line Specification	
LPR Probe Point ID	

Title: General UT Inspection Interv

Format: 0.00

Alignment: Left

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