













Owner:	Client:	GENERAL AUTHIRITY OF HORMOZGAN PERSIAN GULF PORT PAYA OIL PRODUCT TERMINAL	Consultant:	Supervisor:
				
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Data Sheet for Truck Loading Arm

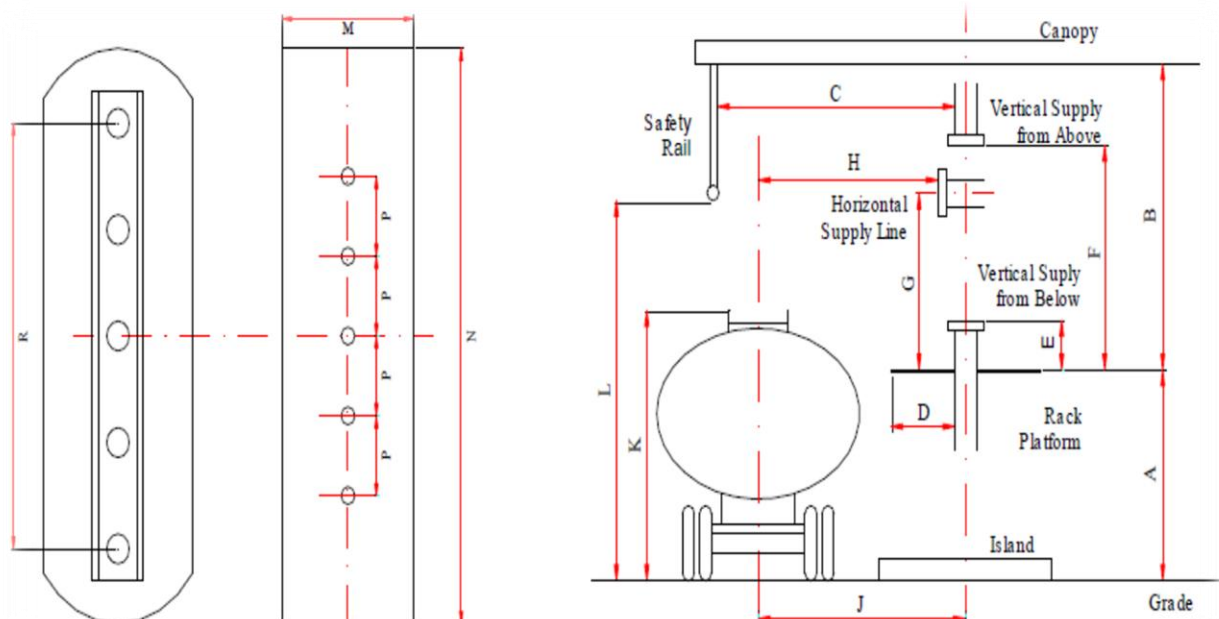
0	1404/02/11	Issued For Approval	M.Abbaspor	R.Razmi	R.Razmi
Rev.	Date	Description	Prepared	Checked	Approved

Owner:  وزارت نیرو و منابع طبیعی سازمان انرژی های تجدیدپذیر و زیرساخت های انرژی	Client:  شرکت پالایش نفت پارس (سپاس ماه) پالایش نفت پارس	GENERAL AUTHORITY OF HORMOZGAN PERSIAN GULF PORT PAYA OIL PRODUCT TERMINAL	Consultant: 	Supervisor: 
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DATA SHEET FOR TRUCK LOADING ARM				
TAG NO.	LA-10 A/B/C/D			
REQUIRED NO.	4			
PRODUCT	EXTRACT-RPO/ BASE OIL			
SIZE	4"			
INLET FLANGE ACC.TO ASME B16.5 / TYPE OF FLANGE	RF, 150# / WELDING NECK			
ARM MATERIAL	(NOTE 2)			
OPERATION TYPE	MANUAL			
LOADING POINT	TOP			
PROCESS DATA				
OPERATING PRESSURE(barg)	1			
DESIGN PRESSURE(barg)	4			
OPERATING TEMPERATURE(°c)	45-90			
DESIGN TEMPERATURE(°c)	90			
MAX FLOW RATE(m3/hr)	55			
VISCOSITY(CST) Max/Normal	500 - 120			
SPECIFIC GRAVITY(kg/m3) at oper.temp	1000-1050			
SITE CONDITION				
AMBIENT TEMPERATURE(°c)(min~max)	-2.6~50			
Max. RELATIVE HUMIDITY	0.96			
WIND VELOCITY FOR STRUCTURE CALCULATION	100 km/hr			
SIESMIC ZONE / IMPORTANCE FACTOR / SOIL TYPE	Zone 3, I=1.25, SOIL 1.5			
ACCESSORIES				
BALANCING DEVICE	YES			
BALANCING TYPE	Counter- weight (Note 2)			
STOP VALVE	YES			
VACUUM BREAKER	YES			
CHECK VALVE	YES			
DEFLECTOR	45° Cut End			
LIMIT SWITCH (NOTE 1)	(NOTE 1)			
SUPPORT JACK	NO			
HEATING SYSTEM	NO			
STEEL STRUCTURE AND LADDER/ PLATFORM	YES			
SELF SEALED QUICK COUPLER	NO			
DRAIN CONNECTION	YES			
INSPECTION & TEST				
RADIOGRAPHIC TEST	FULL			
HYDROSTATIC TEST	YES			
MILL TEST CERTIFICATE	REQUIRED			
WPQR / PQR/ WPS	REQUIRED			
VISUAL & DIMENSIONAL INSPECTION	YES			
NDE CODE	ASME SEC V			
WELDING CODE	ASME SEC IX			
NOTES				
1- A Limit Switch is installed on each loading Arm and Activated When the Arm is in Correct Position and Right Alignment than Truck.				
2-Shall be specified/ finalized by vendor.				
3- Minimum requirements for all parts of material shall be in accordance to project PMS document.				
4-Painting shall be in accordance to project specification for painting.				

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Truck Stand Data (NOTE 1)

A	Rack Platform Height from Grade	3.75	m
B	Overhead Clearance, Platform to Canopy or Canopy Supports	3	mm
C	Distance C/L of Riser to Safety Rail	-	m
D	Distance C/L of Riser to Platform Edge	0.5	m
E	Riser Connection Height From Platform, Supply from Below	-	m
F	Riser Connection Height From Platform, Supply from Above	1	m
G	Riser Connection Height (to Centerline) From Platform, Horizontal Supply	-	m
H	Platform Clearance, Face of Horizontal, Supply to C/L of Tank Truck (max & min)	-	mm
J	Distance, C/L of Riser to C/L of Tank Truck, Min&Max	1.5 - 2	m
k	Tank Truck Height above grade, Max & Min	2.5 - 3.2	m
L	Safety Rail Height Above Grade	-	m
M	Platform Width	1	m
N	Platform Length	3.6	m
P	Riser Spacing on Centers	-	m
R	Overall Range of Dome Opening	6	m



NOTE

1- Shall be finalized by vendor.