



- GENERAL NOTES:**
- All dimensions are in mm, unless noted otherwise
 - Helideck designed for:
 - Helicopter type : Bell 412
 - D-value : 17.2m
 - MTOW : 5.4t
 - Helideck Reference Documents:
 - UK CAA CAP 437 7th edition (2013)
 - NRF-174-PEMEX-2007 : HELIPUERTOS EN PLATAFORMAS MARINAS FUJAS
 - NRF-273-PEMEX-2010 : ALUMINIO ESTRUCTURAL - MATERIALES PARA PLATAFORMAS MARINAS
 - EN1999:2007 - EUROCODE 9
 - BAYARDS proposal 259738-R4
 - DIRECCION GENERAL DE AERONAUTICA CIVIL - Requisitos para regular la construcción, modificación y operación de los helipuertos
 - Helideck scope of work:
 - Carbon steel support frame (design: Bayards, supply: others)
 - Carbon steel interface plates with HDPE insulation pads
 - n° 8x carbon steel interface stools between containers' rooftop and steel frame. Interface stools HD with LQ. Design and supply by LM. Pinned connection almost finalized
 - Aluminium support frame made of I-470 beams with bolted connections
 - n° 2x set earth bosses (located at each helideck access points)
 - n° 3x extinguisher ramps (2x ABC powder extinguisher, 1x CO2 extinguisher)
 - Aluminium landing surface made of Bayards 450mm wide standard planks
 - n° 1 set cast aluminium tie-down points (12 pieces)
 - Aluminium drain gutter (250mm wide, 200mm deep) at helideck perimeter
 - n° 6 x flanged 6" outlets 150 lbs
 - n° 1 set of perimeter lights, floodlight supports
 - Aluminium safety net brackets and frames with stainless steel solid wire mesh
 - Access system supplied by client
 - 2x threshold grating over the perimeter gutter at helideck access points
 - Carbon steel drain and firefighting piping routing only (design: Bayards, supply: others)
 - Helideck safety markings to PEMEX specification (design: Bayards, supply: others)
 - Helideck lighting scope of work:
 - n° 21 perimeter lights, Eex rated for zone 1
 - n° 4 floodlights, Eex rated for zone 1
 - n° 1 illuminated windsock, Eex rated for zone 1
 - n° 1 helideck lighting control panel, for indoor safe zone
 - n° 1 set of cable, Eex rated glands, cable trays and Eex rated junction boxes limited to the helideck area
 - Firefighting scope of work (see also Fi-Fi P&ID for complete scope):
 - n° 1 set of DIFFS pop-up nozzles (including +15% for ABS rules) in stainless steel grade 316L
 - n° 1 DIFFS skid c/w 1% AFFF liquid
 - n° 1 DIFFS control panel, for indoor safe zone
 - n° 2 push buttons at helideck access points, Eex rated for zone 1
 - n° 2 1% AFFF liquid/water hydrant cabinets with jet/fog nozzle, foam tank, Venturi inducer and hoses
 - n° 2 ABC dry powder extinguishers of 25kg each
 - n° 1 CO2 extinguisher of 20 kg, with lance
 - n° 1 sets helicopter rescue/emergency equipment in accordance with CAP437 rules
 - n° 1 sets fireman's outfit in accordance with CAP437 rules
 - n° 1 GRP locker for firemen outfit and helicopter rescue equipment.
 - Material grades:
 - Carbon steel frame and stools: AH-36 or equivalent
 - Aluminium extrusions: 6082 T6, 6005A T6, 6063 T6 or equivalent
 - Aluminium plates: 5083-111, 5754-111 or equivalent
 - Stainless steel bolts: A4-70 - SS316
 - Safety net mesh : SS316 solid wire / aluminium solid wire
 - Insulation material : HDPE or equivalent
 - Exclusions:
 - Carbon steel support frame, access system and piping supply
 - Detailed design (workshop drawings) of carbon steel support frame
 - Drainage and fire fighting pipe spools and supports (design and supply)
 - Status light complete system. Not included, not required according PEMEX specification
 - H&Circle light system. Not included, not required according PEMEX specification
 - Walkway lights
 - UPS and power supply systems
 - Cables, cable tray and junction boxes off the helideck area
 - Piping stress design and analysis
 - Containers, sea freight, import and local trucking
 - Assembly, lifting and installation of the helideck
 - Provisions for offshore connection of the 2x helideck parts
 - Provisions for spreader bars, slings, etc...
 - Mantle rope landing net with tensioners
 - Testing and commissioning
 - Third party appraisal and on-site inspection
 - All items not specifically mentioned in these general notes
 - All items not directly related to the helideck
 - Documentation in languages other than English

REFERENCE DRAWINGS:

15025 - 00-01	Layout Helideck
15025 - 00-02	Marking Plan
15025 - 00-05	Lifting Plan
15025 - 10-01	Planking Plan
15025 - 10-02	Planking Plan "Details "
15025 - 20-01	Steel Interface Points
15025 - 20-02	Top View Frame Helideck
15025 - 40-01	Gutter & Lighting Plan
15025 - 40-02	Drainage Gutter and Lighting Plan "Details "
15025 - 50-01	Safety Netting Plan and "Details "
15025 - 70-01	Fire Water Layout Plan
15025 - 70-02	Drainage Layout Plan
15025 - 80-01	Schematic Diagram Helideck Lighting
15025 - 90-01	Fire Extinguisher Ramps

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Rev. no.	Revision date	Description	Auth.	Appr.
Name:	R.Bos	Order:		
Date:	22.12.2014	Project:		
Scale:	1:50	Client:		
GENERAL ARRANGEMENT				
				A1