

ANNEX TO ACCREDITATION INSPECTION BODY CERTIFICATE NO. LI-037-IDN

Name of Inspection Body	: PT. Samudra Oceaneering Kantor Cabang Wilayah Batam			Date of Issue: 25 July 2013
Address	: Komp. Bintang Industrial Park, Lot No 27 - 28, Batu Ampar, Batam 29457, Indonesia			
Phone	: +62 778413007			
Facsimile	: +62 778413017			Date of Expiry 24 July 2017
Approved signatories	: Abdurrohman Rawinda (RT, MT, PT, UT, PAUT, ToFD); Damrul Abbas (PT, MT, RT); Tatang Sudaryan (RT, UT)			
Accreditation Scope				
Field of Inspection	Products/ Material/ Services Inspected	Type of Inspection	Methods and Procedures	Remarks
Industrial Construction and Maintenance	Welding Joint on: - Piping System - Steel Structure - Pipe Line and Pipe Product - Pressure Vessel Casting Forging	Radiographic Testing (RT)	ASME Section V (2010) ASME B31.1 (2010) ASME B31.3 (2010) AWS D 1.1 (2010) ASME Section VIII (2010) API 1104 (2010) API spec 5L (2012) API spec 2B (2007) DNV-OS-F101 (2010) BS EN 1435 (1997) ASTM E 94 (2004) (Reapproved 2010) AS 2885.2 (2007) AS 2314 (2006) AS 2177 (2006) AS 4037 (1999) ABS-GFNIOHW-2002 (2002) BS EN ISO 10893-6 (2011)	

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Industrial Construction and Maintenance	Welding Joint on: - Piping System - Steel Structure - Pipe Line and Pipe Product - Pressure Vessel Casting Forging	Magnetic Particle Testing (MT)	ASME Section V (2010) ASTM E709 (2009) ASME B31.1 (2010) ASME B31.3 (2010) ASME Section VIII (2010) API 1104 (2010) AWS-D 1.1 (2010) DNV-OS-F101 (2010) API RP 2X (2004) API spec 5L (2012) API spec 2B (2007) BS EN ISO 9934 – 1 (2001) BS EN ISO 9934 – 2 (2002) BS EN 12062 (1998) BS EN 10228 – 1 (1999) BS EN 10228 – 2 (1998) BS EN 1290 (1999) BS EN ISO 3059 (2001) AS 2885.2 (2007) AS 1171 (1998) AS 4037 (1999) ABS-GFNIOHW-2002 (2002) BS EN ISO 10893-5 (2011) BS EN ISO 17638 (2009)	

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Accreditation Scope				
Field of Inspection	Products/ Material/ Services Inspected	Type of Inspection	Methods and Procedures	Remarks
Industrial Construction and Maintenance	Welding Joint on: - Piping System - Steel Structure - Pipe Line and Pipe Product - Pressure Vessel Casting Forging	- Ultrasonic Testing (UT) Manual - ToFD (Time of Flight Diffraction) - PAUT (Phased Array Ultrasonic Technology)	ASME Section V (2010) ASME B31.3 (2010) AWS-D 1.1 (2010) ASME B31.1 (2010) API 1104 (2010) ASME Section VIII (2010) API RP 2X (2004) DNV-OS-F101 (2010) API spec 5L (2012) API spec 2B (2007) BS EN 583 – 1 (1999) BS EN 583 – 2 (2001) BS EN 1713 (1998) BS EN ISO 17640 (2010) BS EN 12062 (1998) BS EN 10228 – 3 (1998) BS EN 12668 – 1 (2010) BS EN 12668 – 2 (2010) BS EN 12668 – 3 (2000) BS EN 1712 (1997) BS EN 10160 (1999) BS EN 12223 (2000) BS EN 27963 (1992) AS 2885.2 (2007)	

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Industrial Construction and Maintenance	Welding Joint on: - Piping System - Steel Structure - Pipe Line and Pipe Product - Pressure Vessel Casting Forging	- Ultrasonic Testing (UT) Manual - ToFD (Time of Flight Diffraction) - PAUT (Phased Array Ultrasonic Technology)	ABS-GFNIOHW-2002 (2002) AS 2207 (2007) AS 2083 (2005) AS 1710 (2007) AS 4037 (1999) AS 1065 (1988) BS EN 7706 (1993) ASTM E317 (2006) BS EN 583.6 (2000) ASME Code Case 2235.9 (2005) ASME B31.3 Code Case 181 (2008) BS EN ISO 10893-8 (2011) BS EN ISO 10863 (2011) BS EN ISO 10893-9 (2011) BS EN ISO 10893-10 (2011) BS EN ISO 10893-12 (2011)	

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Field of Inspection	Products/ Material/ Services Inspected	Type of Inspection	Methods and Procedures	Remarks
Industrial Construction and Maintenance	Welding Joint on: - Piping System - Steel Structure - Pipe Line and Pipe Product - Pressure Vessel Casting Forging	Liquid Penetrant Testing (PT)	ASME Section V (2010) ASME B31.1 (2010) ASME B31.3 (2010) ASTM E 165 (2009) AWS-D 1.1 (2010) API 1104 (2010) ASME Section VIII (2010) BS EN 1289 (1998) DNV-OS-F101 (2007) API spec 5L (2012) API spec 2B (2007) BS EN 571 – 1 (1997) BS EN ISO 3452 – 2 (2006) BS EN 1371 – 1 (1997) BS EN 10228 – 2 (1998) BS EN 12062 (1998) BS EN ISO 3059 (2001)	

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Authorized by Chairman of National Accreditation Body of Indonesia Date : 25 July 2013				
				