ASTM A420 WPL6 Elbow Tee,redudcer Caps according to ASME B16.9

TYPE OF MATERIAL: Impact tested carbon steel				
PRODUCT FORM	STANDARD	GRADE	ACCEPTANCE CLASS	SUPPLEMENTARY REQUIREMENT
Wrought fittings	ASTM A420	WPL6	-	ASTM A960 S51, S53, S57, S69
	ASTM A420	WPL6W	-	ASTM A960 S51, S53, S57, S69
		Pipe fitting	gs covers:Elbow,Tee,Reducer,C	aps
Sour service (additional metallurgical, manufacturing, testing and certification requirements) a, b	When sour service requirements are specified by the purchaser, the material shall conform to the requirements of ISO 15156/NACE MR0175 or ISO 17945/NACE MR0103, and the following additional requirements to the MDS.			
	 Chemical composition S ≤ 0.010 % for WPL6 and WPL6W fittings made from s e a m l e s s products other than flat-rolled or fo S ≤ 0.003 % for WPL6W fitting made from flat-rolled products S ≤ 0.020 % for WPL6 fitting made from forging or hot rolled/wrought bar Ni < 1.0 % for the weld metal of WPL6W fittings 			
	Hardness testing For WPL6W fittings, in addition to the hardness testing requirement in the MDS, welding procedure qualification testing for manufacturing and any repair welding shall meet the requirements of NACE MR0175-2/ISO 15156-2, section 7.3.3, using Vickers method, with a maximum hardness of 250HV. The material shall be traceable in accordance with ISO 15156-2/NACE MR0175-2, section 9 and this MDS. The fittings shall be marked to ensure full traceability to melt and heat treatment lot.			
Certification	The material manufacturer shall have a quality system certified in accordance with ISO 9001 or another quality requirements standard accepted by the purchaser.			
	The inspection documents shall be issued in accordance with ISO 10474 /EN 10204 Type 3.1 and shall confirm compliance with this specification.			
	The inspection documents shall include the following information: - Heat treatment condition. For tempered condition, tempering temperature shall be stated.			
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a The supplementary	suffix "S" shall be used to do	esignate a material delivered ir	n accordance with the MDS plus the a	additional supplementary
	r service, but excluding HIC	testing and UT examination.	in accordance with the MDS including	