

ACCEPTABLE API FILLER MATERIALS

1.0 SHELL AND FLOOR PLATES

Group Number	Steel Specification	Grade
Group I	ASTM A131 ASTM A283 ASTM A283	Grade A Grade C Grade D
Group II	ASTM A36 ASTM A131 ASTM A442 ASTM A442	-- Grade B Grade 55 Grade 60
Group III	ASTM A516 ASTM A516 ASTM A573	Grade 55 Grade 60 Grade 65
Group IIIA	ASTM A131	Grade CS
Group IV	ASTM A573 ASTM A662	Grade 65 Grade B
Group IVA	ASTM A662	Grade C
Group V	ASTM A516 ASTM A516 ASTM A573	Grade 65 Grade 70 Grade 70
Group VI	ASTM A131 ASTM A537 ASTM A537 ASTM A633 ASTM A633 ASTM A678 ASTM A678 ASTM A737	Grade EH36 Grade I Grade II Grade C Grade D Grade A Grade B Grade B

2.0 PIPING, MANWAYS, AND FORGINGS

Group Number	Steel Specification	Grade
Group I	API 5LX	Grade X42
	ASTM A53	Grade B
	ASTM A105	--
	ASTM A106	Grade B
	ASTM A181	Class 60
	ASTM A333	Grade 1
	ASTM A333	Grade 6
	ASTM A334	Grade 1
	ASTM A334	Grade 6
	ASTM A335	Grade LF1
	ASTM A671	Grade CA55
	ASTM A671	Grade CE55
	ASTM A671	Grade CC60
	ASTM A671	Grade CE0
Group II	API 5L	Grade A
	API 5L	Grade B
	ASTM A53	Grade A
	ASTM A106	Grade A
Group VI	ASTM A181	Class 70
	ASTM A350	Grade LF2
	ASTM A524	Grade I
	ASTM A524	Grade II
	ASTM A671	Grade CC70
	ASTM A671	Grade CD70
	ASTM A671	Grade CD80

3.0 FIXED AND FLOATING ROOFS

Group Number	Steel Specification	Grade
--	ASTM A570	Grade 33