Penn Stainless Products, Inc. Stainless Steel Angle Specifications

Penn Stainless Specification #	Extruded Angle			Rolled Angle			Welded Angle			Page 1/1		
F740-2 Rev A	304	304/304L	316 316L	304	304/304L	316/316L	304	304/304L	316/316L			
ASTM A276/ASME SA276	•	•	•	•	•	•						
ASTM A479/ASME SA479	•	•	•	•	•	•						
ASTM A1069							•	•	•			
ASTM A480							•	•	•			
AMS-QQ-S-763 /QQ-S-763 (current revision)	•	•	•	•	•	•						
AMS Spec	5639	5639/5647	5648/5653	5639	5639-5647	5648/5653						
ASTM A240-Parent Material							•	•	•			
UNS	30400	30400/30403	31600/31603	30400	30400/30403	316/31603	30400	30400/30403	31600/31603			
AISI	•	•	•	•	•	•	•	•	•			
Chemical Analysis	•	•	•	•	•	•	•	•	•			
ROHS Directive 2002/95/EC	•	•	•	•	•	•	•	•	•			
NACE MR 0103 & MR 0175	•	•	•	•	•	•	•	•	•			
Hardness test	According to ASTM A276 or A240											
Tolerance- Length/Width/Flatness	According to ASTM A 479 or A480 Aim for half of tolernace											
Corrosion Test: ASTM A262	A/E	A/E	A/E	A/E	A/E	A/E	A/E	A/E	A/E			
Marking: ASTM : *Standard(s)- grade(s)- stamp(s)* + heat and plate number	Line Marked per ASTM Spec All items must be in U.S Customary units All these elements indicated on packing list + quantity + number of packings											
Certificate according to EN 10204-3.1 with the year of EN10204 issue.	Where the spec rev/edition is not noted above, standard latest edition dates must be shown on certificates											
	Minimum Solution Anneal Temperature and Quench Method											
	Country of Melt and Country of Manufacture and authorized signature required											
	Inspector/ Quality person's name and title typed and signature or cert											
	Free from radioactive contamination/ No Mercury Contamination/ No Weld Repair											
	Fraud and Falsification statement must be on test report											
	Material must be supplied in unsensitized condition											
	Cobalt must be report on material cert.											
	Email certificates to certs@pennstainless.com											
	Compliance/Conformance statement that material meets all requirements of purchase order and required specifications											
Approved by: *Dawn M Devlin* Date: 3/1/2020												