

ALTERNATIVE ENERGY

NICKEL ALLOYS, TITANIUM
STAINLESS STEEL



QUALITY APPROVALS

- AS9100D with ISO9001:2015
- NADCAP AC7116
- GE Approved and many more



ALTERNATIVE ENERGY APPLICATIONS

Agitators, Biomass Boilers, Brine Piping, Combustion Chambers, Condensers, Digester Tanks, Flue Gas Treatment Systems, Fluidized Bed Reactors, Heat Exchangers, Pyrolizer Tubing, Receivers, Rotary Calciners, Solar Panel Frames, Thermal Absorber Plates & More!



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Cut-to-Length, Leveling, Slitting, Edging, Precision Rerolling, Shearing, Laser Cutting, Water Jet Cutting, Sawing, Precision Cold Saw Cutting, Near Net Shapes & Much More!

ALTERNATIVE ENERGY SOLUTIONS

- Heat and corrosion resistant alloys, essential for cutting-edge renewable energy solutions.
- Working towards renewable energy solutions like hydropower, biomass, solar, and geothermal.
- UPM offers top-tier metals, unrivaled customer service, and deep expertise.



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ALTERNATIVE ENERGY GRADE MATERIALS

NICKEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
200	UNS N02200, ASTM B 162, AMS 5553	*		
600	UNS N06600, AMS 5540, ASTM B 168, ASME SB 168, EN 2.4816, 10204, PWA, GE	•		
601	UNS N06601, AMS 5870, ASTM B 168	*		
625	UNS N06625, AMS 5599/5666, ASTM B 443 Gr 1/B 446, ASME SB 443 Gr 1, EN 2.4856, EN 10204, PWA, GE, RR, EMS95377	•	•	•
718	UNS N07718, AMS 5596/5662, ASTM B 670/B 637, ASME SB 670, EN 2.4668, EN 10204, PWA, GE, RR, B50TF14, B50TF15	•	•	•
800	UNS N08800, AMS 5871, ASTM B 409	*		
825	UNS N08825, AMS 5871, ASTM B 424	*		
C276	UNS N10276, AMS 5750, ASTM B 575	*		
Monel 400	UNS N04400, AMS 4544, ASTM B 127	*		
X750	UNS N07750, AMS 5598/5542, W.Nr. 2.4669, PWA, GE, RR	•		

TITANIUM	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
Ti-6Al-4V	UNS R56400, AMS 4911/4928/4967/6931, AMS-T-9046 A, ASTM F 1472/B 265/B 348 GR 5, MIL-T-9046/9047 AB-1, PWA, GE, RR	•	•	•
CP Grade 1	UNS R50250, AMS 4900, ASTM B 265	*		
CP Grade 2	UNS R30188, AMS 5608/5772, B50TF74, PWA, GE, RR	•	•	•

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
304	UNS S30400, AMS 5511, AMS 5513, ASTM A 666, ASME SA 240, W.NR 1.4307, PWA, GE, RR	•		•
304L	UNS S30403, AMS 5511/5513, ASTM A 240, ASTM A 276, ASTM A 479, ASTM A 484, ASME SA 240, W.NR 1.4307, PWA, GE, RR	•		•
316/316L	UNS S31600/S31603, AMS 5524/5507, ASTM A 167/A 240/F 138/F 899, ASME SA 167/SA 240, W.NR/EN 1.4404, W.NR/EN 1.4401, PWA, GE, RR	•	•	
15-5 PH	UNS S15500, AMS 5862, ASTM A 693		•	
17-4 PH	UNS S17400, AMS 5604, ASTM A 693 /A 564/F 899 (medical only), ASME SA 693, W.NR 1.4542, PWA, GE, RR	•	•	•
410	UNS S41000, AMS 5504/5613 (Chemistry only), ASTM A 240/A 276/A 493/F 899 ASME SA 240, EN 1.4006, B50991B, PWA, GE, RR	•	•	•
440C	ASTM A 276, ASTM A 480, ASTM F 899, AMS 5630 Chem Only, AISI (440C)			•
446	UNS S44600, ASTM A 240	*		

**Please contact us for additional grades and sizes at sales@upmet.com.*

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