

# OIL & GAS

NICKEL ALLOYS, TITANIUM, STAINLESS STEEL



## INDUSTRY SPECIFIC

- Petrochemical
- Refining
- Downhole
- Industrial Heat Exchanger
- Subsea



## OIL & GAS APPLICATIONS

Drilling equipment, refineries, pneumatic cylinders, oil well components, heat exchangers, coolers, flanges, forgings, fittings, fluid management, storage tanks, sensors, baffles, condensers, valve pumps, injection lines, blast and firewall



## FIRSTCUT+<sup>®</sup> PROCESSING

Cut-to-Length, Leveling, Slitting, Edging, Custom Rerolling, Shearing, Laser Cutting, Water Jet Cutting, Sawing, Precision Cold Saw Cutting, Near Net Shapes, Heat Treating, Ultra Sonic Testing, Deburring, Boring, Trepanning

## OIL & GAS SOLUTIONS

- Global access to high-performance inventory with on-site processing capabilities.
- Custom replenishment programs provide flexibility and reduce inventory expense.
- High strength, corrosion resistant alloys and detailed lot traceability with every order.
- Specialty processing services including heat treating, ultra sonic testing, deburring, boring and trepanning available upon request.



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# OIL & GAS GRADE MATERIALS

NICKEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
A286	UNS S66286, AMS 5525/5858/5731/5732/5737, ASTM A 453/A 638, ASME SA 453/SA 638, EN 1.4980, DIN EN 10204 3.1	•	•	
R405	UNS N04405, ASTM B164, QQ-N-281		*	
X750	UNS N07750, AMS 5598/5542, ASTM B 637, ASME SB 637, W.Nr. 2.4669	•		
600	UNS N06600, AMS 5540, ASTM B 168, ASME SB 168, EN 2.4816, 10204	•		
625	UNS N06625, AMS 5599/5666, ASTM B 443 Gr 1/B 446, ASME SB 443 Gr 1, EN 2.4856, EN 10204, EMS95377	•	•	•
718	UNS N07718, AMS 5596/5662, ASTM B 670/B 637, ASME SB 670, EN 2.4668, EN 10204, B50TF14, B50TF15	•	•	•

TITANIUM	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
CP Grade 2	UNS R50400, AMS 4902, ASTM F 67/B 265/B 348, MIL-T-9046/9047 CP-3	•	•	•
CP Grade 3	UNS R50550, AMS 4900, ASTM F 67/B 265, MIL-T-9046, CP-2	•		
CP Grade 4	UNS R50700, AMS 4901/4921, ASTM F 67/B 265/B 348, ASM/MIL-81200, MIL-T-9046/9047 CP-1	•		•
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	•	•	•

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
Custom 455®	UNS S45500, AMS 5617, ASTM F 899		•	
Custom 465®	UNS S46500, AMS 5936, ASTM F 899		•	
15-5 PH	UNS S15500, AMS 5862, ASTM A 693		•	
17-4 PH	UNS S17400, AMS 5604, ASTM A 693, ASME SA 693, W.NR 1.4542	•	•	•
17-7 PH	UNS S17700, AMS 5528, ASTM A 693, ASME SA 693, W.NR 1.4541	•		•
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	•	•	
317L/LM/LMN	UNS S31703/S31725/S31726, ASTM A 240/A 182/A 167, ASME SA 240			•
321	UNS S32100/S32109, AMS 5510/5645, ASTM A 167/A 240/A 276/A 479, ASME SA 167/SA 240, EN 1.4541	•	•	•
347	UNS S34700, AMS 5512/5646, ASTM A 269/A 276/A 193, ASME SA 269/SA 276, EN 1.4550	•	•	
410	UNS S41000, AMS 5504/5613, ASTM A 240/A 276/A 493/F 899 ASME SA 240, EN 1.4006, B50991B	•	•	•

Please contact us for additional grades and sizes at [sales@upmet.com](mailto:sales@upmet.com).

**QUALITY SOLUTIONS. TRUSTED PARTNERS.**