ELMET TECHNOLOGIES
Your Edge in Performance Metals

1560 LISBON STREET, LEWISTON, ME 04240

ACCREDITED TO ISO 9001 & AS9100

TEL: 207-333-6100

HCT MOLYBDENUM ROD, WIRE, PLATE, SHEET & FOIL MATERIAL DATA SHEET

The chemical composition complies with ASTM requirements for powder lot analysis. Actual finished part chemical analysis and mechanical properties are not routinely evaluated per ASTM requirements. ASTM specifications and test methods are used as guidelines to control and monitor our processes to assure product quality. Applicable ASTM Material Standard: **none**. ASTM standards **B387-90 (re-approved 1995)** for rod/wire and **B386-91 (re-approved 1997)** for plate/sheet/foil, are used as a guide.

CHEMICAL COMPOSITION			
Mo	99.90% Min.	K	40 - 120 PPM
Al	100 PPM Max.		
C	100 PPM Max.		
O*	200 PPM Max.		
N*	20 PPM Max		
Fe	50 PPM Max.		
Ni	50 PPM Max.		
Si	300 PPM Max.		
W	300 PPM Max.		

All other elements are contained at <20 ppm.
All products are compliant with EU RoHS Directive 2002/95/EC.

All products are compliant with EU RoHS Directive 2015/863 and with Regulation (EC) No. 1907/2006 of The European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). Mercury or mercury-containing compounds were not intentionally added or came in direct contact with hardware or supplies furnished under this purchase order. Pursuant to Section 1502 ("the Provision") of the Dodd-Frank Wall Street Reform and Consumer Protection Act ("Act") (Pub. L. 111-203, 124 Stat. 1376, July 21, 2010), also referred to as the "Conflict Minerals Act", Elmet Technologies only purchases "DRC conflict-free" minerals from smelters on the Conflict-Free Smelter Program (CFSP) Compliant Smelter list. Material free from radiation contamination.

