

U. S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS  
WASHINGTON

Provisional Certificate of Analysis  
Standard Sample 153a  
(Co-Mo-W STEEL)

	Percent
Carbon	0.90
Manganese	.18
Phosphorus	.023
Sulfur	.006
Silicon	.27
Copper	.095
Nickel	.16
Chromium	3.73
Vanadium	2.06
Molybdenum	8.85
Tungsten	1.76
Cobalt	8.46
Nitrogen	0.024

(Signed) E. WICHERS, Chief  
Division of Chemistry

September 18, 1958