

# MATERIAL CERTIFICATION

**NIAGARA**  
SPECIALTY METALS

Production Order: 144134

**NJSB Tag #1796**

Grade: CPM S35-VN

Description: CPM S35-VN HRA DESCALED SHEARED PLATE  
.207/.227 x 23/25" RW x 36.000" Ex.  
Heat# R72384

## Chemistry Analysis

NSM Heat Number: R72384

Hardness:

|          |       |             |        |             |       |           |       |
|----------|-------|-------------|--------|-------------|-------|-----------|-------|
| Carbon:  | 1.310 | Manganese:  | 0.490  | Phosphorus: | 0.014 | Copper:   | 0.070 |
| Silicon: | 0.520 | Chromium:   | 14.140 | Vanadium:   | 3.020 | Niobium:  | 0.504 |
| Cobalt:  | 0.010 | Molybdenum: | 2.000  | Nickel:     | 0.100 | Nitrogen: | 0.054 |
| Sulphur: | 0.016 | Tungsten:   | 0.080  | Titanium:   |       | Aluminum: |       |

## Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: June 22, 2023

Original mill heat no: R72384

Federal ID #: 16-1179936

*Robert Shabala*

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We provide material that is free from mercury contamination and radiation at the time of shipment No weld repair is done.

We are compliant with EU directive 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1 and DFARS 252.225.7001,7002,7008,7009. Material is melted and manufactured in North America.

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes including Federal Law, Title 18, Chapter 47. The above are true and correct results of tests on samples of the material. Said results meet the specification(s) and are on record.