



# MATERIAL CERTIFICATION

# NIAGARA

SPECIALTY METALS

NJ STEEL BARON TAG 1321

Production Order: 128279

Grade: CPM S30-V

Description: CPM S30-V HRA DESCALED SHEARED PLATE  
.2071.227 x 21.5/25" RW x 36.000" Ex.  
Heat# NR69413

### Chemistry Analysis

|                  |                                    |             |                                     |                                    |                                    |                      |
|------------------|------------------------------------|-------------|-------------------------------------|------------------------------------|------------------------------------|----------------------|
| NSM Heat Number: | NR69413                            |             | Hardness:                           | <input type="text"/>               |                                    |                      |
| Carbon:          | <input type="text" value="1.450"/> | Manganese:  | <input type="text" value="0.480"/>  | Phosphorus:                        | <input type="text" value="0.016"/> |                      |
| Copper:          | <input type="text"/>               |             | Vanadium:                           | <input type="text" value="4.080"/> | Niobium:                           | <input type="text"/> |
| Silicon:         | <input type="text" value="0.500"/> | Chromium:   | <input type="text" value="14.080"/> | Nickel:                            | <input type="text"/>               |                      |
| Cobalt:          | <input type="text" value="0.010"/> | Molybdenum: | <input type="text" value="2.000"/>  | Nitrogen:                          | <input type="text" value="0.210"/> |                      |
| Sulphur:         | <input type="text" value="0.019"/> | Tungsten:   | <input type="text" value="0.030"/>  | Titanium:                          | <input type="text"/>               |                      |
|                  |                                    |             |                                     | Aluminum:                          | <input type="text"/>               |                      |

### Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: July 13, 2020

Original mill heat no: R69413

Federal ID #: 16-1179936

Robert Shabala

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.