



**Blastech**<sup>®</sup>

a TF Warren Company

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## ***CPP Steel Plate Process***

# **Material Safety Data Sheet**

### **Product Information**

CPP is steel plate processed by Blastech Mobile LLC, a TF Warren Company and shall be coated with a colorless corrosion inhibitor utilizing Blastech's proprietary film control technology. The process is offered as an environmentally friendly alternative treatment to the traditional blast and oil treatment.

The treatment will inhibit corrosion of the abrasive blast cleaned steel for a period of up to six months in interior storage conditions and up four weeks of limited exterior exposure to facilitate transportation.

### **Process Phases**

The process shall have distinct phases designed and managed to ensure that each plate is prepared and processed to the highest standards currently available to industry.

All documentation, processes, and coating shall conform to ISO 9002 quality procedures.

Phase 1. Shall ensure that the correct identity of each plate is verified and entered into a plate management database.

Phase 2. Shall ensure that visible surface contaminants are solublised and removed.

Phase 3. Plate shall be abrasive cleaned to SSPC SP 10 / NACE No. 2 Near White Metal Specification to produce a sharp, dense profile of 1.5 – 2.5 mils.

Phase 4. Surface profile shall be measured using ASTM D 4417 method and recorded as a permanent job record.

Phase 5. Plate shall be preheated and initially inspected utilizing high-resolution cameras to detect major steel defects.

Phase 6. Coating shall be applied using computer controlled application equipment to ensure an even distribution of the preserver chemical.

Phase 7. Treatment deposition shall be continuously monitored ensuring that the deposition rate is maintained at 900 – 1000 square feet per gallon.

Phase 8. Completed plate shall be visually inspected for surface anomalies. Non Conformance reports to be issued as required.

Phase 9. Each plate shall be remarked to ensure traceability with data specified by the customer

Phase 10. All process data shall be recorded for downloading into the customer job record file.

Phase 11. A quality report, including, surface profile, environmental conditions and preserver lot number shall be recorded electronically.

The completed plate should be stored inside. Processed plate may be cut, welded, shaped and painted following suitable preparation

Customers should test any pretreatment and any coating procedure to ensure compatibility with CPP.