



SURFACE PREP FOR STRUCTURAL STEEL

Abrasive blasting without water and significantly less waste

Traditional methods for cleaning and preparing steel surfaces, such as sand blasting and water blasting with an abrasive solution, are often not feasible or permitted for a variety of reasons. These methods contaminate machinery and equipment and create environmental and health concerns.

Cold Jet's abrasive blasting solution effectively cleans and prepares steel surfaces without the negative side effects of dry and wet abrasive blasting. Cold Jet's solution significantly decreases the abrasive waste stream, which reduces or eliminates the need for containment and diminishes the resulting dust clouds. The solution does not use water, which eliminates the need for rust inhibitors and drying time.

Cold Jet's solution achieves a 2-6 mil surface profile and SP 10/SA 2.5/NA 2 cleanliness level at similar production rates to traditional sand blasting and at an 80-95% reduction in abrasive media consumption, significantly reducing project costs.

KEY BENEFITS

- **Low abrasive consumption (80-95% less than traditional abrasive methods)**
- **Limited to no containment or masking**
- **Maneuverable and portable**
- **Low operator thrust**
- **Increased visibility - limited dust cloud**
- **No drying time needed**
- **Increased operator safety**

Corrosion and coating removal for the following:

Railyards
Road infrastructure (bridges, highways, roads)

Ship yards
Tanks and pipelines

APPLICATIONS

