

MAGIKGEL™

PRIMARY APPLICATION

MAGIKGEL™ is a unique, gel that finds applications throughout industry for cleaning of stainless steels.

Normally pickling & Passivation stainless steel follows ASTM A380 standards that recommend the use of Nitric / Hydrofluoric Acid solutions in an aqueous media (Demineralised Water) for the removal of mill scale, welding slag, carbon deposits.

These aqueous solutions are quite tedious to work with, as the contact time is very low for aqueous solutions. They are also the associated risks of splashing. To overcome this problem SPAN-CHEM TECHNOLOGIES has developed a gel that meets ASTM A380 standards in terms of composition i.e. the gel is totally Chloride free. This gel is extremely stable at ambient temperatures.

The gel is relatively simple to use -

1. Wash the surface of the metal with clean water, ensure that it is oil free, in case of presence of oil use a degreaser to emulsify & remove it.
2. Apply the gel on to the clean surface using a plastic bristled brush and leave on for 20 - 45 minutes depending on the thickness of the scale.
3. If necessary scrub with steel wool or a SS Wire Brush to remove dense scale.
4. Wash off thoroughly with water.
5. Sometimes a second application is necessary.

The advantages of the process are -

The process is basically fumeless and hence very safe to use.
The process ensures complete removal of all welding oxides and scales.
The process produces a uniform finish.