

STAINLESS RESTORATION LTD



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MJ

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BB

PS



SERVICES

Pickling / Passivation

Electro-Polishing

Blasting / Coating

Plant Fabrication

Chemical Sales

UHP Jetting

Ultrasonic Cleaning

Laboratory Services





PICKLING / PASSIVATION

In House / On Site
Contracts

50,000sq/ft of floor space and a combined lifting capacity of 120,000 kg over 9 overhead cranes allows SRL to undertake a vast array of work at its Manchester finishing shops

This can range from a large "one-off" fabrication or high volume items that can be immersed in one of several chemical pickling baths. Any items too large or complicated to be immersion pickled can be spray pickled with our Enerjex™ Chemical Range to achieve an equally successful finish.

Typical items for contract pickling may include: pressure vessels pipe work, walk ways, handrailing, heat exchangers, cylinders, tanks

A documentation pack is available on request for all in-house contract pickling services.



ELECTRO POLISHING



In House Contracts

Electropolishing work undertaken cuts across all market sectors from small casting and component manufacturers to fabrications for the food industry including more sophisticated items such as vessels for the pharmaceutical sector.

Electropolishing's Key Advantages are a bright and aesthetically pleasing finish, a chemically passive surface and surface roughness reduced to a smoother 'micro' surface with fewer cracks and less surface area.

Corrosion resistance is maximized by enrichment of the chromium oxide layer reducing bacterial growth and allowing easier cleaning.

A documentation pack is available on request for all in-house contract electropolishing services.

MECHANICAL POLISHING



In House / Onsite
Contracts

From pressure vessels, hoppers and ducting to balustrading or just about anything that is accessible, we are able to offer a mechanical finishing service to all industries at our Manchester or Halifax facilities. We also offer on-site contract polishing anywhere in the UK, Europe or the world.

From a simple brush finish to a very high mirror finish, all mechanical polishing is done to the clients' specification. This may be expressed as a grit finish, or as a Ra um value.





BLASTING / PAINTING



In House Coating
Contracts

High quality, cost effective surface preparation and protective coating systems are applied at our extensive 75,000 square foot processing and storage facility, with handling capacity up to 30 tonnes. Work carried out here has formed an integral part of many major projects in the Oil and Gas markets around the world.

Our expertise and flexible production facility enables us to meet the most stringent customer given specifications, which makes us the first choice supplier for many major OEM companies in the UK.

PLANT FABRICATION



B e s p o k e P r o c e s s i n g

Automated Pickling Machines. Custom designed and built using our industry expertise in this field.

ATEX Chemical Heaters for use with hazardous chemicals, pickling solutions etc on site on a temporary / permanent basis

Fully Enclosed Effluent Treatment Plants, tailored to meet requirements of your consent to discharge by the local water authority or Environmental Agency.

Our exceptional build quality and design ensure reliability, repeatability, and quality every time.





CHEMICAL SALES

C h e m i c a l s b y D e s i g n

As a Metal Finishing specialist our usage of various chemicals has been refined over many years to give the best performance and value possible.

We are pleased to be able to offer our leading ranges for direct sale to our customers.

Using our own internal laboratory we are able to tailor any of our Enerjex range to specific requirements following laboratory analysis.





UHP JETTING

40,000 PSI Jetting

UHP Water Jetting can be used for a variety of industrial cleaning and surface preparation applications. The list of applications for UHP water jetting is vast.

UHP water jetting has the ability to cut through multiple layers of paint much faster than abrasives and is an efficient method used to clean and unblock tube bundles/heat exchangers

All SRL UHP operators have received recognised formal training for the user of high pressure and ultra high pressure water jetting equipment, approved by the WJA (Water Jetting Association).

All jetting activities are carried out in accordance with the WJA Blue Code of Practice. Water Jetting Association training courses are accredited by City and Guilds London Institute.





ULTRASONIC CLEANING



Cavitation Cleaning

One of the primary benefits of ultrasonic cleaners lies in how quickly and efficiently intricate instruments can be cleaned. The microscopic bubbles can penetrate deep into hard to reach surfaces, yet the cavitation action does not damage the surface.

Ultrasonic cleaning produces less waste than conventional cleaning methods and is much safer for both the user and the environment.

Typically operated at a frequency of 37 to 42 kHz (37,000 to 42,000 cycles per second).

Titrimetry



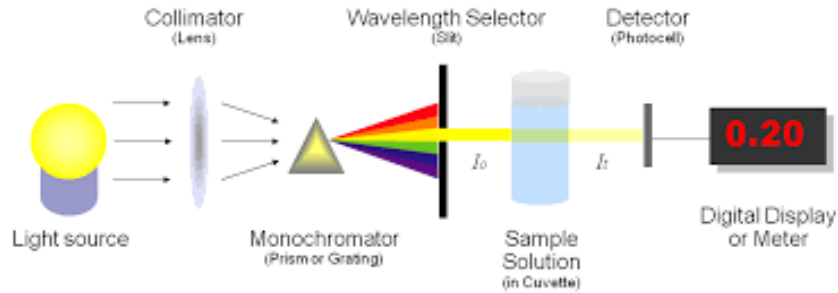
Gravimetric Analysis



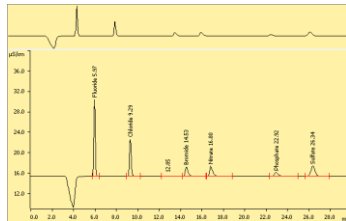
Particle Analysis



Spectrophotometry



Ion Chromatography



Elemental Analysis



LABORATORY SERVICES



Analytical
Metallurgy

The SRL laboratory is located at our main facility in Hyde, Manchester. We provide analytical and surface metallurgical services, including R/D provision to both our numerous in-house processes, and customers on-site across the UK.

We specialise in chemical analysis for metal surface treatment processes and industrial effluent treatment units. We recognise that regular testing of these facilities is vital for meeting designated process specifications as well as environmental discharge regulations.

To support your needs we can provide independent analysis reports on demand, or be integrated into your process control scheme.

SRL GROUP

The Journey so far !

Stainless Restoration Limited started its journey way back in 1994 when the Managing Director, Mr Frank Morris, held the position of Technical/Sales representative with Avesta Sheffield Distribution Ltd, later to become Outa Kumpu Stainless.

During this time Frank honed his already core knowledge of welding stainless steels and duplex with further deeper knowledge of stainless and more importantly the cleaning and preparation of the HAZ prior to service.

On leaving ADSL Frank continued to market the Stainless Steel Chemical pickling products and the early days of SRL were born. It soon became clear that end-users didn't like the idea of handling, storing, using these chemicals and would often ask if the work could be undertaken along with the sale of the chemicals.

From these early beginnings in the 90's, SRL has continued to grow into one of the leading "metal finishing" companies in the UK specialising a wide range of metal finishing processes. Over the course of this journey SRL has consistently had a fixed goal, which is to be the best and most focused " metal finishing" company in the country.



SRL GROUP

The Journey so far !

It has taken a long time to find the right team of managers that could embrace the company's ethos and instil the right culture needed. It is important that we mention the team of managers that are helping to keep SRL at the forefront of the countries metal finishing industry.

General Manager: Rob Wilson

Production Managers – SRL Stainless Restoration Ltd: Chris Marron

Production Managers – SRL Bead & Blast Ltd: James Budgen

Production Managers – SRL Process Systems Ltd: Carl Ackroyd

Production Managers – SRL Surface Engineers Ltd: Rob Wilson

Production Managers – SRL MJ Metal Finishers Ltd: Mark Gallagher



THANK YOU



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