

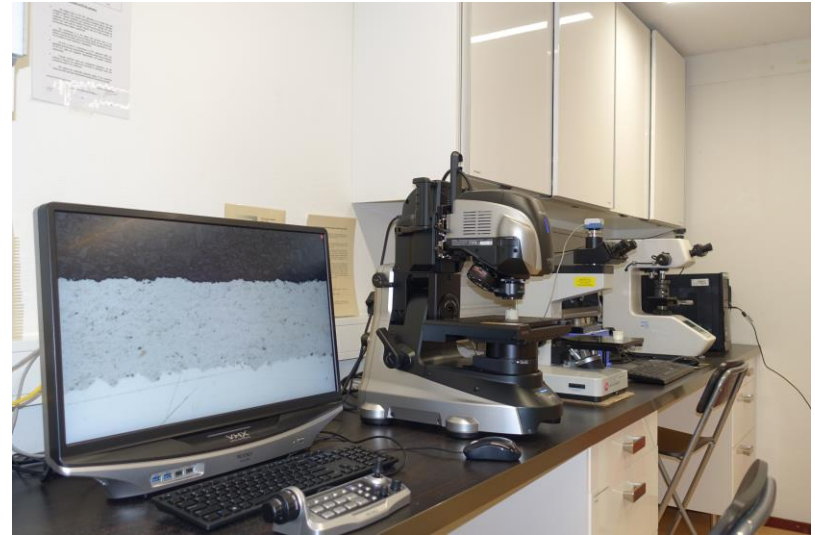
# METALLOGRAPHY LABORATORY SERVICES

## - INNOVATIVE AND PRACTICAL -

- FST is pleased to be directly involved in technology that increases the performance and durability of many different products and parts all over the world.
- Specialized in thermal spray technology and understanding the market needs, we are flexible and able to act promptly.
- FST's lab has experience with various types of coating development projects. The FST laboratory is frontrunner of optimizing the eGun technology. FST's lab service is focused on offering this and other knowledge to the market. FST is proud to present the FST sample service.
- FST's lab is well equipped working with professional equipment and materials. This equipment is annually inspected and calibrated.

### Customer benefits

- Data base sample comparing service with tailored advice for further coating optimization
- Joint development coating improvement
- Short response time and fast results
- Advise for parameter optimization
- Easy point of contact for lab info
- Standard polishing procedures for most common materials



# SERVICES & PRICES



APPLICATION	REFERENCE	DESCRIPTION	PRICE
CUTTING-EMBEDDING-GRINDING-POLISHING	STREURS POLISHING MATERIAL	Embedding (Cold/Vacuum) into resin and sample preparation. Max 6 samples of the same test material.	€ 175.00
POROSITY	ISO/TR26946	2D-porosity measurement. The average of 7 images with 100x magnification.	€ 40.00
THICKNESS	KEYENCE VHX-7000 MICROSCOPE (OM)	Making 7 micrograph pictures with the optical microscope (OM). Pictures by sample 200x	€ 40.00
THICKNESS	by MICROMETER		€ 25.00
THICKNESS	by MICROSCOPE (OM) LEITZ	Making micrograph pictures with the optical microscope (OM). Pictures by sample 200 and 500x (BOND COAT)	€ 80.00
MICRO HARDNESS VICKERS	ISO6507-1 / FM 300 AHOTEK	Hardness Testing 10 measurements (excluding sample preparation)	€ 125.00
ROUGHNESS TESTER	ISO1992 / SJ-210 MITUTOYO	-	€ 25.00
TENSILE BOND STRENGTH TEST	EN-582 / M500-50CT TESTOMETRIC	Set test buttons, tensile test bar preparation: degreasing, grit -blasting, gluing, tensile test, glue test	€ 500.00
ABRASIVE/ABRASION TESTER	BASED ON ATSM-G65	The volume of the coating is removed by sand. This removed volume is a measure wear resistance (comparative test).	€ 160.00
INTERFACE CONTAMINATION	KEYENCE VHX-7000 MICROSCOPE (OM)	This can be applied to coating-substrate and coating-coating	€ 40.00
HALL FLOW (POWDER)	ASTM B213		€ 80.00
APPARENT DENSITY (POWDER)	ASTM B212		€ 80.00
USE OVEN	MEMMERT		€ 100.00
OVERALL USE OF LAB			€ 100.00
LAB REPORTING OVERVIEW		Clearly presented essential data	€ 50.00
SET OF TEST BUTTONS		6 buttons ( 1 inch diameter)	€ 50.00

Note: Prices listed are per Coating. For details contact Jan Meijer at J.Meijer@fst.nl



LEADING IN THERMAL SPRAY TECHNOLOGY