



CERTIFICATE

This Certificate has been issued to:

Leif patala

For showing in-depth knowledge and practical expertise when it comes to Heat Treatment

Following the rules and parameters stated in ISO 17663:2023

Practical and theoretical training performed in Swede Heat AB's workshop in Partille, Sweden

The Technician has successfully completed training in the following subjects:

- PWHT (Post Weld Heat Treatment) through electrical resistance and Gas
- Concurrent heating
- Thermocouple and gradient placement
- Trouble shooting and problem solving
- Safe Equipment and Cable handling

Issued by:

Date: 2026-09-12

Roger Johansson CEO



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HEMSIDA:
www.sweheat.se

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SE-banken
VAT: SE556716-116001



MANNINGS

THERMAL & ENVIRONMENTAL ENGINEERS

Heat Treatment & Environmental Equipment & Specialist Services
UNITS 1 - 5 RUSSELL ROAD, SOUTHPORT (UK) PR9 7RJ
TEL (01704) 538202 FAX (01704) 545898 TELEX 317210

PROFICIENCY CERTIFICATE

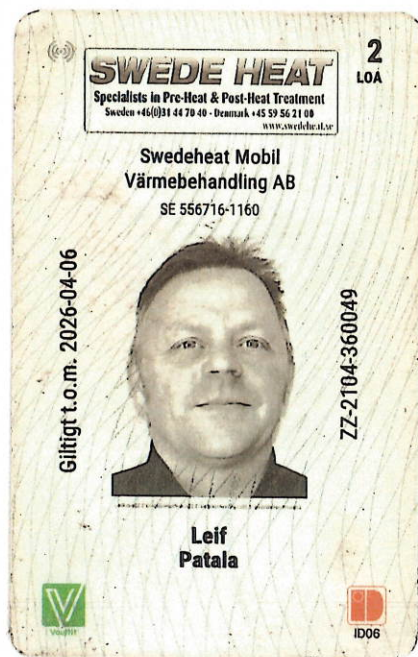
THIS IS TO CERTIFY

that Leif Patala
has attended a course of Lectures and
Practical Instruction on the subject of
PREHEAT & POSTWELD HEAT TREATMENT,
INCLUDING UNDERSTANDING AND USING
TEMPERATURE CONTROLLERS,
ALSO FAULT FINDING ON EQUIPMENT
and has attained the required standard.

SIGNED.....*W. Ennis*.....

FOR
MANNINGS

Date: 18th February, 1994



CERTIFICATE BRANDFARLIGA HETA ARBETEN

Permit Manager - Operator - Fire Watch

Leif Patala

Date of birth: 19641012-5295

ID: 4546335

Valid until: 2030-10-13

