



German **Plastics** Center

CERTIFIED SUPERVISOR HDPE PIPE WELDING

ACCORDING TO THE GERMAN DVGW STANDARD GW331

Santanu Chowdhury

Nationality: India

Date of Birth: 24-Feb-1978

Has successfully attended the course

Supervision and Quality Assurance for the Installation & Welding of pipelines made of High Density Polyethylene (HDPE) for Gas and Water applications as per the standards of the German Technical and Scientific Association for Gas & Water (DVGW).

Theoretical Subjects

- Monitoring and Inspection
Tasks and targets of the Welding Supervisor | Standards, Guidelines & Regulations | Documentation (Welding Reports, Manual/CNC)
- Material Science
Structures of Polymers, Classification and Properties of Plastics | HDPE Pipes and Fittings (PE 80, PE 100, PE-Xa) | Laying Techniques for Gas and Water Pipelines
- Welding Procedure
Fundamental Principles of Welding Thermoplastics | Butt-Fusion and Electro-Fusion Welding
- Test Methods and Fault Detection
Recognizing Faults on Welded Joints | Non-Destructive and Destructive Testing | Pressure Testing

Practical Subjects

- Supervision of Welding Works
- Butt-Fusion and Electro-Fusion Welding of HDPE Pipes and Fittings
- Preparation of Testing Specimens
- Testing and Evaluating of Welded Joints

Examination Results

Theoretical: "fulfilled" Practical: "fulfilled" Overall Result: "fulfilled"

Certificate No: 1908290928

Duration: 40 hours

Date of Issue: 29-Aug-2019



B.

SKZ Examiner: Benjamin Maurer

This Certificate is only valid in conjunction with the SKZ Supervisor license