



PROSPECTUS



PAINTS AND
COATINGS
SKILL COUNCIL 

 **qualityaustria**
central asia
ISO 29990 : 2010

 **Corporate
Partner**



BLASTLINE INSTITUTE

OF SURFACE PREPARATION & PAINTING

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The BLASTLINE India (P) Ltd.

Blastline India (P) Ltd consists of a group of business entities catering to every need of the anti-corrosion industry in the country with overseas presence in various countries like Saudi Arabia, Kuwait, Qatar, Bahrain, UK and USA through their Associate Companies.

Led by a dynamic management team, it has been able to adopt to changing needs of the Industry and has forayed into all related niche areas like production and export of Machines , Accessories, Abrasives other specialized equipments and instruments used in the Anti-corrosion industry. It is also involved in major contract works in India and abroad as well as imports and distribution of high quality coating equipments and systems of foreign manufacturers.

Being passionate about the need for excellence in this Industry, having recognized the lack of facilities to train qualified professionals in this field, and as part of fulfilling their social commitment to the Industry, Blastline india has established a state-of-the-art training center in Cochin backed by various International Certification Bodies.

The Institute

The Blastline Institute of Surface Preparation and Painting (BISP), was originally established in 2006 to mould professionals in industrial grade anti-corrosion applications. However, its gamut of training programs was later expanded to include International Certifications in Welding and Coating Inspection as well as Non-Destructive Testing (NDT).

We have corporate partnerships or grading compatability with renowned international organizations such as :

1. **SSPC** (Society for Protective Coatings, USA)
2. **NACE** (National Association of Corrosion Engineers, USA)
3. **ASNT** (American Society for Non-Destructive Testing, USA)
4. **TWI** (The Welding Institute, UK)

BISP is also an authorised Training & Examination Center in “Painting and Coating” skill sector approved by National Skill Development Corporation (**N.S.D.C.**) - a body constituted by Government of India under its “Skill India” initiative.

Training programs conducted by BISP are executed by highly experienced Engineers and Instructors with the help of latest machineries and tools. The training and certification is so complete and up-to-date that those who pass out from BISP and enter the industry shall not be found wanting in their skills, capabilities or qualification.

Why Certification?

Indian Education system, is highly knowledge-centric, the consequence of which is that we have a large pool of talent having ample scientific knowledge but little skill in practically applying it in the real world.

This is where we step in. Having acquired many years of experience in the Protective Coating Industry, engineers of Blastline India (Pvt) Ltd know the exact requirements of the industry and what kind of training is required for personnel working in various levels of project execution.

Training Technique

BISP follows internationally approved training seminar methodology. The batch size is limited to 20 students wherein there is ample room for togetherness, friendship, mutual respect and close interaction between faculty and students.

Personal attention is provided in a highly comfortable air-conditioned classroom and excellent results are ensured by :

1. Highly experienced professional Trainers
2. Continuous up-gradation of training methods.
3. High quality course materials and handouts.
4. Optimum use of electronic media presentations.
5. Industry visits and hands-on practical Classes
6. Study of cut-away sectional models
7. Ample provision of machineries, lab equipments, gauges, instruments and test specimens.





BISP Certified Painting Inspectors. (Mapped to BGAS Grade 2 Examination)

Duration: 11 Days Class time: 9.30 am to 4.30 pm

Course Description:

This program is designed to present the basic technology of coating application and inspection. It provides both technical and practical fundamentals for coating inspection works on various structures. The services of a supervisor or Inspector having this knowledge is vital in preventing incorrect coating applications leading to coating failures.

Course Content:

- Role of the Inspector
- Mechanism of corrosion and its effects on metals.
- The different grades of surface preparation
- Abrasive used in blast cleaning and the surface profiles obtained
- The various equipments and test instruments and their uses.
- Different types of paints in use and their ingredients
- Selection of paint
- Quantity survey
- Climatic conditions to be checked.
- Calculation and measurement of paint film thickness
- Adhesion to the substrate
- Paint life and storage etc.
- Coating specifications
- Occupational safety and health hazards
- Inspection procedures
- Coating failures
- MSDS and product data sheet review

Who should attend?

- Experienced coating industry personnel who are aspiring for higher levels of Inspection Grading examinations.
- Diploma holders or graduates preparing for Inspector Grade exams.
- Engineers or graduates preparing for Inspector Grade exams.

Pre-requisite:

- ITI Diploma Holder • University Science graduates • Engineer • Experienced Personnel in Anti-Corrosion Industry or +2 Passed Student





BISP Certified Welding Inspectors. (Mapped to CSWIP 3.1 Welding Inspector Level 2 Examination)

Duration: 12 Days Class time: 9.30 am to 5.00 pm

This course prepares the candidate for higher levels of Welding Inspector certifications that are recognized around the world. It covers all subjects required to pass welding inspector examinations at global standards.

Who should attend?

- Experienced welding industry personnel who are aspiring for higher levels of Inspection Grading examinations.
- Diploma holders or graduates preparing for Inspector Grade exams.
- Engineers or graduates preparing for Inspector Grade exams.

Course Content:

The duties and responsibilities of a welding inspector; fusion welding processes; typical weld defects; types of steel; carbon-manganese, low alloy and stainless steels; hardening of steels; weldability; heat treatment; parent metal defects; visual inspection; testing parent metals and welds; destructive tests; NDT techniques; welder and procedure approval; codes and standards; outline of safe working practices; practice in examination questions; continuous and end-of-course assessment. In addition, candidates meeting the CSWIP requirements for eligibility complete the relevant CSWIP examination on day 5.

Course Objectives:

- To understand factors which influence the quality of fusion welds in steels
- To recognise characteristics of commonly used welding processes in relation to quality control
- To interpret drawing instructions and symbols to ensure that specifications are met
- To set up and report on inspection of welds, macrosections and other mechanical tests
- To assess and report on welds to acceptance levels
- To confirm that incoming material meets stipulated requirements and recognise the effects on weld quality of departure from specification
- To be in a position to pass the Welding Inspector - Level 2 examinations

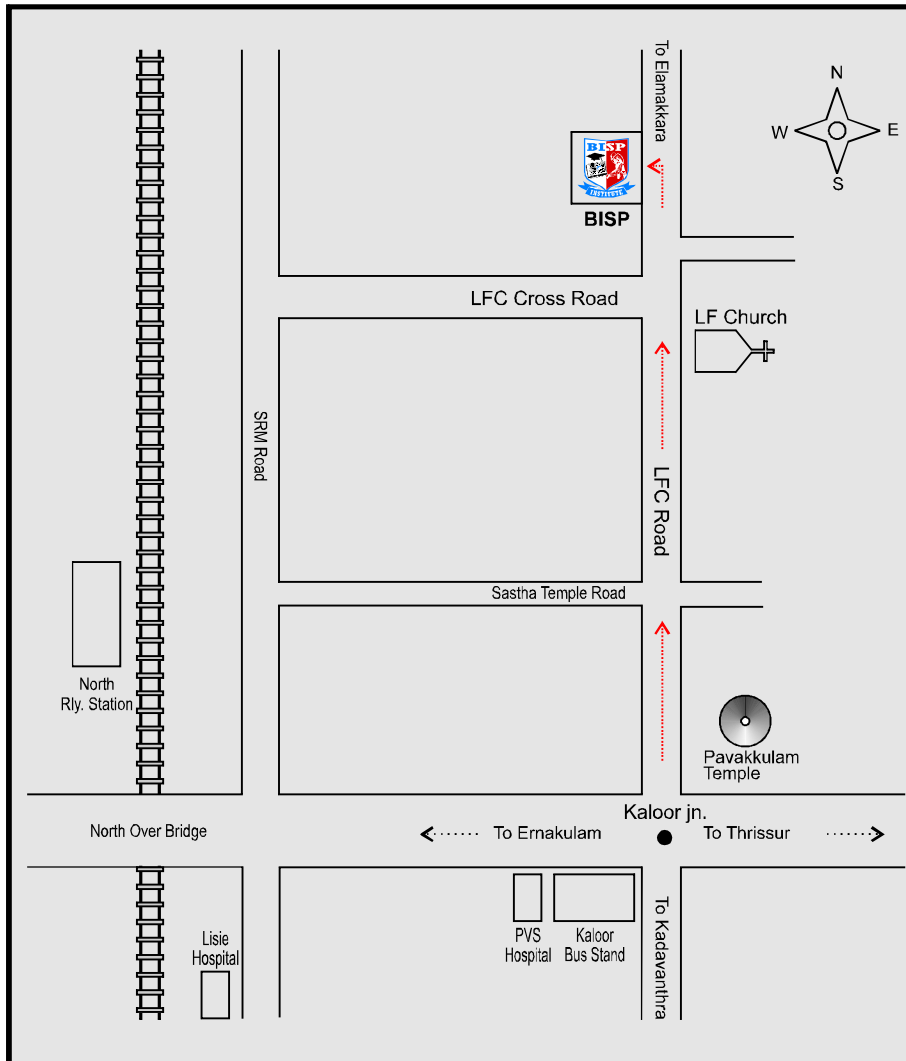
Pre-requisite:

- ITI Diploma Holders / University Science graduates / Engineers Experienced Personnel in welding industry or +2 Passed Student





ROUTE MAP



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