

| CATEGORY                    | PROGRAM CODE | PROGRAM NAME   | DURATION |
|-----------------------------|--------------|--|----------|
| QUALITY CONTROL & ASSURANCE | QCA 001      | Basic Corrosion Techniques and Monitoring  | 5        |
|                             | QCA 002      | Modern Cathodic Protection Systems: Design, Fabrication, Installation, Operation and Repair            | 5        |
|                             | QCA 003      | Gas, Refinery and Petrochemical Industry Materials Corrosion   | 5        |
|                             | QCA 004      | Materials Selection for Process Plants   | 5        |
|                             | QCA 005      | Metallurgy, Corrosion and Prevention of Failures   | 5        |
|                             | QCA 006      | Metallurgy for Non-Metallurgists   | 5        |
|                             | QCA 007      | Corrosion for Non-Corrosion Engineers  | 5        |
|                             | QCA 008      | International Welding codes  | 5        |
|                             | QCA 009      | Introduction to Welding Engineering, Fabrication, and Inspection                                       | 5        |
|                             | QCA 010      | Practical Welding Technology   | 5        |
|                             | QCA 011      | Post Weld Heat Treatment (PWHT)  | 5        |
|                             | QCA 012      | Modern Welding Technology: Welding, Fabrication, and Inspection (AWS, ASME & API Codes)                | 5        |
|                             | QCA 013      | Painting, Coating and Thermal Installation   | 5        |
|                             | QCA 014      | Fundamentals of Non-Destructive Testing (NDT)  | 5        |
|                             | QCA 015      | Corrosion Inhibition: Technology, Applications, Selection, Monitoring, Performance and Troubleshooting | 5        |
|                             | QCA 016      | Control of Scale and Corrosion in Desalination (MSF)   | 5        |
|                             | QCA 017      | Metallurgical Failure Analysis and Prevention  | 5        |
|                             | QCA 018      | Water Scale Corrosion  | 5        |
|                             | QCA 019      | Materials Selection and Failure Analysis   | 5        |
|                             | QCA 020      | Engineering Aspects of Welding   | 5        |
|                             | QCA 021      | Coating and Painting Inspection  | 5        |
|                             | QCA 022      | Risk Based Inspection (RBI) Management Implementation  | 5        |
|                             | QCA 023      | Corrosion Management in Production Facilities  | 5        |
|                             | QCA 024      | Pipeline Integrity Management  | 5        |
|                             | QCA 025      | Integrity Management of Subsea Pipelines   | 5        |
|                             | QCA 026      | Plant Equipment Fitness for Service Assessment   | 5        |
|                             | QCA 027      | In line Inspection Operations i.e. (Pigging)   | 5        |
|                             | QCA 028      | Pipeline Defect Identification and Sizing  | 5        |
|                             | QCA 029      | Storage Tank Inspection  | 5        |
|                             | QCA 030      | Boiler and High-Pressure Vessels Best Practices  | 5        |