Technician’s Name: Centre Name:

**This training assumes that the technician is already confident and competent in testing steel and aluminium cylinders under IDEST CP11:2022 and BS EN ISO 11623:2023. It also assumes that the technician is also familiar with the Test Centre’s workshop procedures.**

Adequate training, applicable to individual Test Centre’s composite cylinder testing procedures, should be given. The training statements may, if required, be simplified but IDEST expects the trainee technician to be supervised a minimum of three separate times before having a practical test signed off.

The student under training must be made aware of the current standard that covers the inspection and testing of composite cylinders, namely, **EN ISO 11623:2023.**

**Note:** The Supervised Practical Dates must be different dates and not completed on the same day.

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| **Inspection Checklist Reference**  **Number** | **Subject** | **Practical**  **Demo**  **Date** | **Supervised Practical**  **Dates** | | | **Instructors signature** |
| **1st** | **2nd** | **3rd** |
| **1** | They must be provided with instruction on the four main types of composite cylinders available. This can be done using the instructor training material available from IDEST or using in-house material. |  |  |  |  |  |
| **2** | Knows the philosophy behind the composite cylinder work sheets and how to complete the relevant work sheet that must include a QA check. |  |  |  |  |  |
| **3** | Knows how to locate, and refer to, the appropriate Standards, Codes of Practice, Statutory Legislation, and how to use manufacturer’s drawings, where available, in order to carry out inspections correctly. |  |  |  |  |  |
| **4** | Understands how to locate and complete the Test Centre’s procedure for inspecting & testing composite cylinders and issuing a cylinder test certificate. |  |  |  |  |  |

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| **Inspection Checklist Reference**  **Number** | **Subject** | **Practical**  **Demo**  **Date** | **Supervised Practical**  **Dates** | | | **Instructors signature** |
| **1st** | **2nd** | **3rd** |
| **5** | Understands the method for examining the exterior of a cylinder and for assessment of any damage. Is able to accurately assess the level of damage and whether it is repairable or not under **Table 5 – Acceptance/rejection criteria** |  |  |  |  |  |
| **6** | Is shown the policy and procedures for any maintenance that may be carried out with regards to composite cylinders and their repair. |  |  |  |  |  |
| **7** | Can determine the life span of a composite cylinder and whether it is worthy of a visual inspection or hydraulic test. |  |  |  |  |  |
| **8** | Is made aware of the specific Thread Gauges used for composite cylinders |  |  |  |  |  |
| **9** | Understands the procedures to ensure the cylinders are correctly labelled using the centre composite cylinder label and suitable resin coating. |  |  |  |  |  |
| **10** | Understands the Test Centre’s procedures for the retention and filing of records, including completed job sheets, instrument/equipment examination and calibration certificates and the records of equipment inspection |  |  |  |  |  |

**Declaration of Satisfactory completion of In-house Training**

I certify that the above-named technician has completed the Composite Cylinder inspection and testing training programme outlined in the preceding table and is competent to submit him/herself for assessment by IDEST for competency in the inspection and testing of Composite Breathing Gas Cylinders to the European standards.

Name…………………………………….Signature………………………………Date…………………

Instructor’s Title………………………..………………….Instructor’s composite No………

Trainee’s Signature…………………………………………………………………Date……………….