Worker Emergency I.D.

Technical Statement — Materials, Adhesives & Electrical Performance

This statement summarizes the technical validation of Vital ID Worker Emergency I.D. products, including adhesive-backed hard hat ID products (SKUs WSID-01, WSID-02 and WSID-02G). It is provided to assist distributors and safety professionals in assessing product suitability for industrial use.

1. Adhesive Suitability — Hard Hats (ABS, PE & PP Shell Types)

All adhesive-backed Worker Emergency I.D. products utilize pressure-sensitive adhesive (PSA) tapes manufactured by the 3M Company. To validate use on hard hats and ensure shell compatibility, the following testing and technical assurance was undertaken:

- **ABS & PE hard hat shells** — independent testing carried out by Centurion Safety Products (UK) with successful pass scores achieved (test reports no. 1020 & 1021).
- **PP hard hat shells** — technical assurance provided by 3M Canada (Industrial Tapes & Adhesives division): with PSA products there is typically no chemical reaction on the bonding surface, and damage or changes to a polypropylene substrate would not be expected.

2. Electrical Insulation & Flammability

Products WSID-01, WSID-02 and WSID-02G, manufactured using 3M materials, are certified to meet ANSI Standard Z89.1-2014 for flammability and electrical insulation, compliant for use with Type 1, Class E rated hard hats. Applying these products does not compromise the electrical insulation classification of the helmet.

3. Further Information

Copies of the underlying test reports and certificates of conformity are available to distributors on request. For any technical questions, please contact us at orders@vitalid.com and we will be happy to assist.