

Statement about the usage of low-voltage, inherently spark proof, non Eex electrical devices in hazardous working area

Territorial and personal scope

The current rules apply to the **use of low-voltage, inherently spark-proof and non Eex electrical devices in hazardous working area***. The most common examples of such activities include the usage of mobile phone, PDA, tablet, smart watch, other mobile communication device, camera, vibration meter, tachometer, infra-red camera, non-contact temperature meters, etc.

This statement applies to the territory of MOL Plc and its Hungarian subsidiaries and to all MOL Group and non-MOL Group employees, visitors and other people in these areas.

Temporary scope

Enters into force on the 1st July, 2024.

Content of the order

To use the above mentioned equipments in potentially explosive hazardous areas of MOL Plc. and its Hungarian subsidiaries is basically FORBIDDEN. In special cases, when the use of these equipments is needed for work it is allowed to use them, but only for necessary duration and if they fully comply with the following rules:

1. Although, based on the circumstances, the permit issuer and/or area owner can require stricter rules, than described below, they can not grant exemption from the rules.
2. **The use of inherently spark-proof, non-explosion-proof, low-voltage electrical equipment in hazardous area can be allowed only under normal operating conditions such as closed systems and safe circumstances.**
3. In the above mentioned cases, unless there is any other activity at the place of the work, which would requires the availability of extra fire protection equipment or fire extinguisher, **the fire extinguisher and other fire fighting equipment installed and provided for the normal operation would be sufficient.**
4. If no other activity is carried out, for which it is mandatory by law, or by company regulation, **the people doing the work, the person directing, or ordering it, do not need to have a special fire-safety certificate.**
5. **If there is no other activity, requiring a work permit is on-going, the intention to enter and leave the site, or to start the work, have be documented (e.g. in the Entry Log as per HSE2.4 PD MOL1R4), the site owner have to be informed, and the work can only be started with his/her permission.**
6. Starting from the entry into the hazardous area, the non-explosion-proof low-voltage electrical equipment **can be hold and operated in the area only by the employee who uses a switched-on, calibrated and bump-tested gas detector** with the adequate ATEX certification, capable of analysing the results, selected in conformity with the vapours and gases potentially present at the work area. **I.e. every people working in such area and using or holding a mobile phone or camera or vibration meter or smart watch or tablet or other non-explosion-proof low-voltage electrical equipment should hold a gas detector** complying with the above written criterias.
7. In case the above mentioned **spark-proof and non-explosion-proof low-voltage electrical equipment** are not used by employees **performing various, even complex tasks** but others (like visitors) for holding or using these equipments they also need to hold a switched-on, calibrated and bump-tested **gas detector** with the adequate ATEX certificate, capable to analysing the

results, selected in conformity with the vapours and gases potentially present at the work area during their entire stay, starting from entering the hazardous area.

8. Requirements specified in the local fire safety regulations and the fire alert plan and other emergency response procedures should be fully complied during the operation.

Complementary rules and prohibitions

- The use of explosion-proof mobile phones is allowed without further restrictions, however, proving compliance with ATEX standard during the usage is the liability of the user. Without this, the equipment cannot be considered as explosion-proof and if the above conditions are not fulfilled, have to be banned from the hazardous work area.
- To use, or hold any type of mobile communicating equipment, (both explosion-proof or non-explosion-proof), such as mobile phone, PDA, smart watch, etc. in hazardous work area is allowed only for emergency alerting or in close connection with the work and only for the duration of it, in compliance with the above detailed rules. The use of these equipments, for any other purposes not in connection with the work, is prohibited.
- During the primary opening of dangerous equipments, systems, vessels, equipments only with suitable level corresponding with the given explosion-zone are allowed to be used or hold in the hazardous work area. This means that during first opening-up inherently spark-proof and non-explosion-proof light current equipment cannot be used or hold, even with gas concentration measurement device, or even in compliance with the above written rules.
- During emergencies or smaller spills/LOPC's only equipment with explosion protection level, corresponding with the given explosive-zone, can be used within the affected area, which was designated by the owner of the area.

* **Hazardous work area** means the area where hazardous materials and/or hazardous energies are presented or can be presented with high probability and can cause personal injury or asset damage. Operating and partially or non-discharged or non-decontaminated technological areas in all cases qualify hazardous work area (all explosive-zone category area (Zone 0-1-2/ Zone 20-21-22) is qualified as hazardous work area, however, other areas are not categorised in explosive-zone can be also qualified as hazardous work area). This document does not apply to areas where only the electric energy poses hazard.

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Zsolt Hermann

Head of Hungary
HSE