# RISK ASSESSMENT – MAINTENANCE OF ESCALATORS

## Nature/Location of Hazard

This assessment concerns specific hazards associated with work on or near to Escalators and is additional to all other similar assessments.

## Possible Risk to Health and Safety

1. Entrapment/crushing by moving parts.
2. Damage to hands and feet when removing, cleaning or lubricating Escalator components.
4. Head injuries from confined spaces or protruding parts.
5. Poor housekeeping around working area resulting in tripping and falling.

## Persons at Risk

Primarily Engineers and/or subcontractors and the public in the vicinity of the work.

## Preventive & Protective Actions to Be Taken

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**1.** Erect fully restrictive barriers at both the top and bottom of the Escalator prior to commencement of work.

**2.** Isolate the electrical supply whenever conducting work which does not require movement of the Escalator.

**3.** Prior to moving the Escalator ensure that all persons, items of clothing and any tools and equipment are well clear of any moving parts.

**4.** Where key operation is conducted remove the key when work is completed or interrupted. The Engineer should keep the key on his person.

**5.** Adopt the best possible lifting position when removing Escalator components. Get help to lift any heavy items wherever possible and wear protective gloves and shoes (Totectors). If a kneeling posture is necessary, consider using kneepads.

**6.** Wear protective gloves during all cleaning and lubricating processes and a bump cap if a confined area or close to projecting components.

**7.** Keep the work area free from tripping hazards by adopting a high standard of housekeeping.