

# PARALLEL ESCALATORS/ TRAVELATORS

TGSI WARNING INDICATORS



THE ART OF TACTILE CERTIFICATION®

# PARALLEL ESCALATORS/ TRAVELATORS

## TGSI WARNING INDICATORS

DTAC 0041  
LAYOUT DIAGRAM  
TACTILE GROUND  
SURFACE INDICATORS  
(TGSIs)—WARNING  
VERSION 02  
PUBLISHED 27.05.1

**DTAC**<sup>®</sup>

DTAC 0041

LAYOUT DIAGRAM

DETAILS

Installation Notes:  
TGSi Warning Indicators pattern layout

PROJECT

**Queensland Art Gallery—  
Gallery of Modern Art**

Two pairs of side by side escalators across several levels direct pedestrians efficiently and safely. The points at which the user enters and alights from the escalators are wide and open areas. These approaches are accessed from various directions and thus warning tactile ground surface indicators (TGSIs) have been installed 300mm back from the moving edge of the handrail to a depth of 600mm deep and across the full width of the accessible path (the moving stairway opening) from the middle point of one moving handrail to the other and is mirrored on the adjacent escalators.

Many escalator/travelator designs have insufficient space available on top of the motor cover plate for TGSi layout requirements (the integrated area in front of each escalator/travelator that's walked upon). Several options are available to solve this issue. With this escalator, the motor access covers were too short, so custom 316 stainless steel plates were designed and installed to extend the length of the motor access covers rendering the escalator compliant and preserving its visual appeal.

INSTALLATION

TGSi's (Warning)

NOTES

Layout of discrete warning TGSi's  
Drawings in millimetres  
Drawings not to scale unless noted

LEGEND

- Area requiring TGSi installation
- Installed handrail
- ← Upward gradient along path of travel

DISCLAIMER

No one should act or rely upon the information contained within this document without first referring to the current AS/NZS 1428.1 (2009)—Design for Access and Mobility (Part 1: General Requirements for Access—New Building Work) and the current AS/NZS 1428.4.1 (2009)—Means to Assist the Orientation of People with Vision Impairment (Tactile Ground Surface Indicators), satisfying themselves that any proposed installations are in accordance with such standards or other applicable building regulations, including the National Construction Code (NCC) (effective from 01.05.11)—previously referred to as the Building Code of Australia (BCA)—and in particular the 'deemed-to-satisfy-provisions' of the NCC and Disability (Access to Premises—Buildings) standards, as they apply from one situation to another. Furthermore, the information provided is solely for the purposes of TGSi's and is not related to the design, configuration or formation to stairs, handrails, ramps, accessible paths and 'way-finding' depicted therein.

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FIGURE 0041 - A

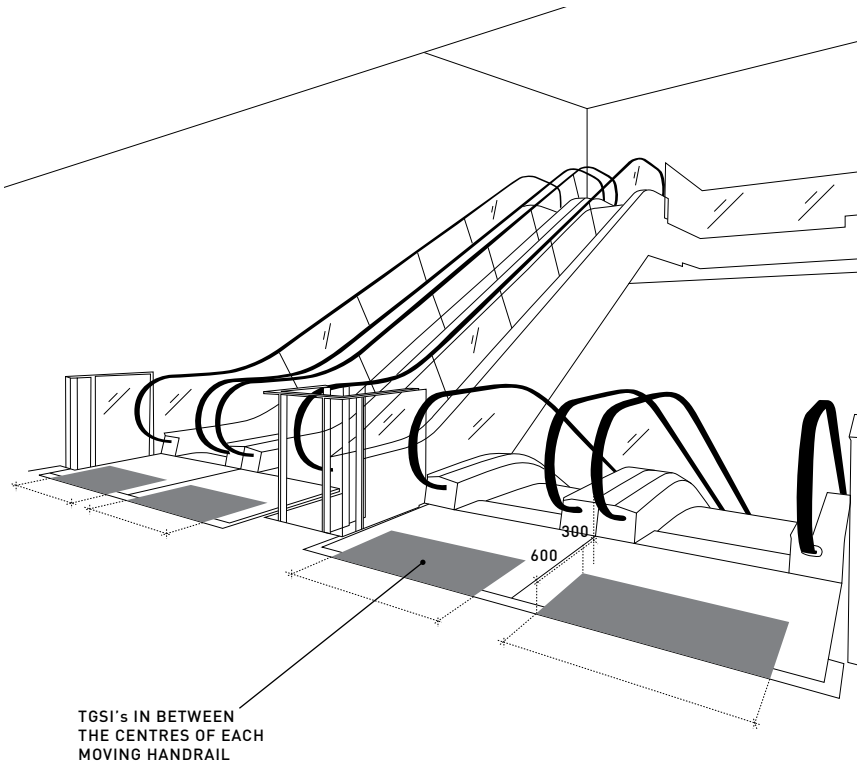


FIGURE 0041 - B

