Universal Design Recommendations for Accessible Ramps

- Slope of the ramp to be 1:20 (5%).

- Surface to be firm, stable, and slip-resistant.

- Avoid circular, curved ramps or ramps within stairs (S-ramps). Ramp slopes to be straight.

- Level landings at the top and bottom of ramp, and at intermediate location(s) if ramp changes direction or is longer than 9 meters.

- Colour-contrasted and slip-resistant strips at landings before each run that extend the full width of the ramp.

- Edge protection, either in the form of a curb with a minimum height of 100 mm or a raised barrier/rail with its lower edge not more than 100 mm, to be installed on ramps and landings that are not at grade or adjacent to a wall.

- Easy to grasp handrails to be installed on both sides of ramp with horizontal extensions at the top and bottom of ramp to provide support and orientation for persons before they start using the ramp. Handrails should be colour-contrasted with surroundings and return to the post, floor or wall.

- Well-illuminated along ramp and landings.

Rick Hansen Foundation   Accessibility Certification™