

LONGITUDINAL - AND TRANSVERSE VENTILATION IN ROAD TUNNELS

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ABSTRACT. Vehicles, which are driving through a road tunnel, emits exhaust fumes/1/. These exhaust fumes are dangerous for the people and therefore they must be diluted with fresh air. Three different ventilation systems are used in a road tunnel to dilute these fumes /2/

- longitudinal ventilation with jet fans
- semi transverse ventilation
- transverse ventilation Each ventilation system has its advantages and disadvantages /3/.

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