

Alberta Industrial Railway Regulation – Part 1 Industrial Railway Rules and Standards

Schedule 2 – Industrial Railway Locomotive Inspection & Safety Rules Part 2 Locomotive Design Requirements

9 Audible Signals

9.1 Locomotives, other than those in designated service operating in a controlling position, must be equipped with a horn that is tuned in chords of not less than 3 tones meeting the following design criteria:

(a) the horn must produce a minimum sound level of 96 dBA at any location on an arc of 30.5 metres (100 feet) radius subtended forward of the locomotive by angles 45 degrees to the left and to the right of the centreline of the track in the direction of travel;

(b) the control of the horn must be located to allow for convenient operation from the locomotive operator's normal operating location.

9.2 Locomotives operating in a controlling position must be equipped with a bell, or other device capable of producing an equivalent sound, meeting the following design criteria:

(a) the bell must produce a minimum sound level of 60 dBA at any location on an arc of 15.25 metres (50 feet) radius subtended forward of the locomotive by angles 45 degrees to the left and to the right of the centreline of the track in the direction of travel;

(b) the control of the bell must be located to allow for convenient operation from the locomotive operator's normal operating location.

