PRODUCT REVIEW SOFTWARE FOR ISO TANKS, CARGO TRAILERS, RAIL TANK CARS, 4BW TANKS & TOTES

PURPOSE: Review requests from package engineering for product review in various containers; Advise customer of changes required to get container in compliance with applicable regulations (US DOT, IMDG, ARD, RID)

HLA developed mutliple spreadsheets to simplify the time-consuming task of reviewing a hazardous material for shipment by road, rail, or ship, to the applicable country's shipping regulations. The software has three main worksheets: 1. Calculation of the required pressure relief valve venting capacity, 2. Calculation of the maximum allowable working pressure (MAWP) of the container, and 3. The maximum fill density of the container. This software allows the engineer to perform many scenarios in an efficient manner, instead of reviewing each regulation individually.

