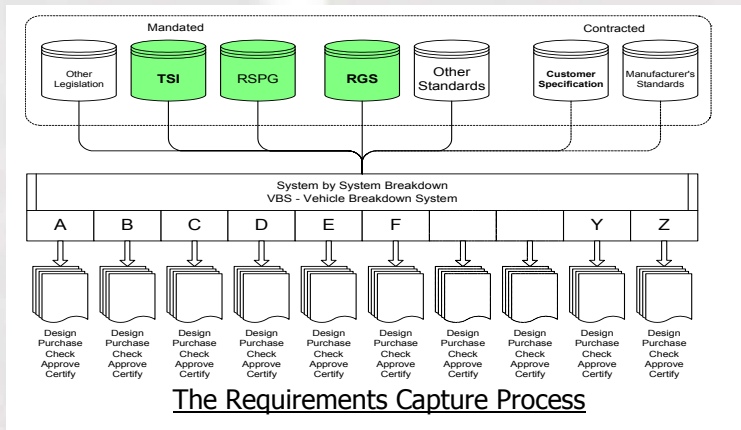


## MANDATORY CERTIFICATION BODY SERVICES

Independent Verification and Validation (IV&V) is CORREL Rail's core business. Whilst other organisations seek to be both consultants and approval bodies our focus is on being the best, independent body for all verification and validation work.

The CORREL Rail process came into being as a response to the significant changes in the UK

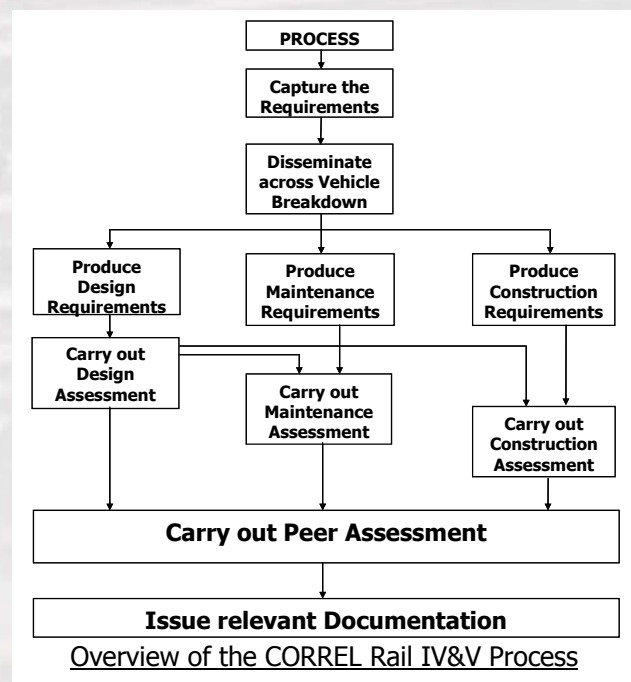
market in 1994 that required 3<sup>rd</sup> party IV&V to be undertaken by appointed bodies on behalf of the Infrastructure Controller. As a consequence of our background as rolling stock designers and builders our assessment process differs from most in that it was developed as a full Design Review management process capable of covering all requirements, not simply the Railway Group Standards and is applied by experts who understand fully the



issues surrounding manufacture, configuration control and modification programme roll-out.

When being used for certification, the CORREL Rail process assists the design team to focus on the necessary mandatory requirements in a structured manner, based upon a unique and effective Vehicle Breakdown Structure (VBS). Thus a clear route to Design Acceptance can be logically and efficiently broken down into various systems, sub system or component areas.

This structured process also leads to a systematic vehicle build validation check sheet enabling the construction and vehicle assessors to be sure they are aware of all relevant issues raised during the design phase. Likewise the process enables the Maintenance Engineer to understand the issue surrounding which equipment is to be maintained, overhauled or has been designed for life, and what that life periodicity is.



Our Certification Signatories are highly experienced vehicle engineers as well as being process experts. They are well placed to ensure that the peer review process is fully and thoroughly carried out, usually completing significant stages throughout the project life rather than carrying out all their reviews at the end of the project, thus reducing risk of failure.

