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MANAGING BUILDING CONSTRUCTION AND EQUIPMENT INSTALLATION IN AITC  
MALAYSIA - A LESSON LEARNED

**Abstract**

In any typical situation, the setting up of a new Space Technology Test Centre is normally done by a single contractor, which include designing the building, managing the contractor, procurement and installation of the test equipment. However, Malaysia decided to do it differently by engaging a group of local consultants to design the building while the procurement of test equipment were done separately. Numerous meetings were held between building consultants and various equipment specialist to design the Space Technology Test Centre. Managing both construction works and equipment installation was no easy feat as there were several issues faced by ANGKASA once the construction began. This paper will present the five stages of integration between building works and equipment installation, namely: i) the initial coordination stage; ii) integration of equipment technical drawing and construction drawing stage; iii) the building partial readiness stage; iv) the completion of building construction; and v) the testing and commissioning of the equipment. This paper will explore the issues found at every stage, and how steps were taken to address those issues. Review and monitoring is done continuously to ensure that the final result will be a completed and workable AIT facility that meets all the specifications and requirements specified.