

Advanced Materials Research Group project summary

Project Title	An investigation into the tribological properties of PVD coatings for nuclear applications
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Project Summary	This research investigates the tribological and corrosion behaviour of PVD coatings. The effect of coating architecture, substrate hardness, substrate surface finish and cleanliness of the deposition conditions is investigated to understand the effect these variables have on the tribological and corrosion behaviour of the coatings. Through this research the aim is to assess the properties and identify weaknesses within the coatings and to then try eliminating these weaknesses therefore improving the properties of the coatings.

