

SPOT WELDING BY HIGH SPEED WATER JETS

by

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Project Report

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SUMMARY

This project is a continuity of the work done last year by Mr. Tekkis George. The aim this year was to improve the high speed water jet gun and produce welds between dissimilar metals.

The first two and the fourth chapter deal with the theory of high speed water jet spot welding. In Chapter three, details are given about explosive welding since explosive are used to produce the jets in this project. Also explosive welding is very similar to high speed water jet welding.

Chapter five is the whole experimental work done, from construction of the gun up to it's testing.

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