

Department : **Mechanical**

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Group No: **17**

Guided By

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Project Title

APPLICATION OF JIGS & FIXTURE IN PISTON ASSEMBLY

Abstract:

Our project is APPLICATION OF JIGS & FIXTURE IN PISTON ASSEMBLY working at Palanpur.

We select the one product a RECIPROCATING AIR COMPRESSOR and we find the problems of VIBRATION VARIATION, ASSEMBLY, and TEMPERATURE RISE.

And after we analyse the problems and after we select the one problem for solution. The problem is the damage the piston pin and bearing of connecting rod during assembly of piston and connecting rod so our guide suggests for making one type of jig or fixtures which reduce manufacturing time and also increase accuracy of product.

After the suggestion we are application of fixture in piston assembly.

And also observe the benefits of its.

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