

FRICTION WELDING

(Sponsored by K.S.C.S.T, Bangalore)

A project report submitted in partial fulfillment of
Requirements of Eighth Semester Course in
Bachelor of Engineering in Industrial & Production,
Visvesvaraya Technological University, Belgaum

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2009-2010

Abstract

Initially Friction welding was not much used in industries, but recent advances in friction welding have made it an important fabrication technique. Our project relates to a method of friction welding for joining of members and more particularly to so-called Direct Drive Friction Welding(DDFW) based on a relative rubbing movement between a probe of material and members to be joined. It's one of the most simple, economical and highly productive methods in joining similar and dissimilar metals. It is widely used in the automotive, aircraft and aerospace industrial specifications.