



Excel Craft Private Limited

WELDING DIVISION

CASE STUDY OF CRUSHING CHAMBER

CUSTOMER	: SLVR HARDOX
COMPONENT	: Crushing Chamber.
MATERAIL	: CAST IRON SG IRON
WEIGHT	: 2.5 Ton
PERSON INVOLVED	: Mr. Samir Rahate & Syed Zabiulla
EQUIPMENT	: Concrete Crusher.



PHOTO- A

PROBLEM STATEMENT – The Crushing Chamber material was wearing out of the profile. As shown in Photo B



PHOTO- B



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PRODUCTS USED: CASTOLLOY FN.

PROCEDURE:

1. **Welding:** Welding was carried on the chamber for build-up, keeping a machining allowance of 4-5 mm.



PHOTO- C (Welding in progress)

2. **MACHINING:** After the jobs was welded, it was sent for machining as per drawing.

