

Redacted Hammer Inspection Evidence Summary

This public document summarizes one completed inspection dossier for crusher hammers. The original purchase-order number, customer drawing reference, proprietary dimensions, sample measurements and employee names have been removed.

Product	Crusher hammer
Order context	Completed order dossier; customer and commercial identifiers withheld
Document date	March 2026
Material route recorded	High-manganese Mn13Cr2 matrix with carbide inserts and an order-specified hardfacing layer
Public use	Evidence that the inspection route was executed for this order, not a universal product specification

Inspection categories demonstrated

Drawing-linked dimensional inspection	Sample dimensions were checked against the approved order drawing. Values and drawing geometry are withheld.
Weight sampling	Sample weights were recorded using an electronic scale. Order values are withheld.
Base-material hardness	The dossier records hardness checks for the high-manganese base material.
Hardfacing hardness	The dossier records hardness checks for the order-specific hardfacing layer.
Chemical composition	A heat-number-linked Mn13Cr2 composition record is included in the original dossier.
Dye-penetrant inspection	The original dossier records a dye-penetrant inspection and its order acceptance result.
Finished-part photographs	The original dossier contains measurement, hardness-test, inspection and finished-part photographs.

Publishing boundary

This summary proves that the listed inspection categories were used for one completed order; it does not promise the same plan, material, hardfacing procedure, performance or acceptance criteria for another order. Customer and order identifiers, drawing data, measurements, names and controlled photographs were removed. The actual scope must be agreed from the machine model, part reference, drawing, operating conditions, quantity and required inspection records.