

TESTING CRAFT ENGINE BLADE'S CRACK ON SITE BY ALTERNATE
MAGNETIC FIELD NON-TOUCH MOULD

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Abstract : This paper elaborates alternate magnetic field non-touch test principle and characteristic, as well as deference from other nondestructive methods based on the fact that it is difficult to judge surface flaw by hole test equipment in practicality when craft engine blade's body appears out cracks owing not clear on surface .At last, a testing example of engine blade is given.

Keywords: alternate magnetic field, engine blade, test, surface crack