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Method for

# Magnetic particle flaw detection

UDC 620.179.141:621.317.4

## Cooperating organizations

The Mechanical Engineering Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

|                                                                   |                                                                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------|
| Association Offices Technical Committee*                          | Department of Industry (National Engineering Laboratory)*          |
| Association of Consulting Engineers                               | Department of Trade (Marine Division)                              |
| Association of Hydraulic Equipment Manufacturers                  | Department of Transport                                            |
| Association of Mining Electrical and Mechanical Engineers         | Electricity Supply Industry in England and Wales*                  |
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| British Electrical and Allied Manufacturers' Association (BEAMA)* | Federation of Manufacturers of Construction Equipment and Cranes   |
| British Gas Corporation                                           | Health and Safety Executive*                                       |
| British Gear Manufacturers' Association                           | Institution of Gas Engineers                                       |
| British Internal Combustion Engine Manufacturers' Association     | Institution of Mechanical Engineers                                |
| British Pump Manufacturers' Association                           | Institution of Plant Engineers                                     |
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| Chartered Institution of Building Services                        | Machine Tool Industry Research Association                         |
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|                                                                   | Process Plant Association                                          |
|                                                                   | Society of Motor Manufacturers and Traders Limited*                |
|                                                                   | Telecommunication Engineering and Manufacturing Association (TEMA) |

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Technical Committee entrusted with the preparation of this British Standard:

|                                                       |                                                |
|-------------------------------------------------------|------------------------------------------------|
| BNF Metals Technology Centre                          | Society of British Aerospace Companies Limited |
| British Airways                                       | Steel Casting Research and Trade Association   |
| British Chemical Engineering Contractors' Association | United Kingdom Atomic Energy Authority         |
| British Institute of Non-destructive Testing          | Water-tube Boilermakers' Association           |
| British Non-ferrous Metals Federation                 | Welding Institute                              |
| Institute of Quality Assurance                        | Coopted expert                                 |
| Non-destructive Testing Centre                        |                                                |

This British Standard, having been prepared under the direction of the Mechanical Engineering Standards Committee, was published under the authority of the Executive Board and comes into effect on 27 February 1981

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The following BSI references relate to the work on this standard:  
Committee reference MEE/169  
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### Amendments issued since publication

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|----------|----------------|---------------------------------------|
| 3960     | September 1982 | Indicated by a sideline in the margin |
| 4542     | June 1984      | Indicated by a sideline in the margin |
| 4843     | April 1986     | Indicated by a sideline in the margin |
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