


19. FILE FLAT 12 INCH

Qualitative Requirements	Picture of Equipment
<p>a) Type: Flat file, double cut, rough</p> <p>b) Size : Length 12”</p> <p>c) Handle: Wooden handle</p> <p>d) Material: High speed steel</p> <p>e) Application: To sharpen tools & to smooth rough edges BIS Specification</p> <p>f) Wooden handle Material- The handles for rasps/engineers files/engineers scrapers shall be manufactured from any of the timbers specified for class V handles.</p> <p>g) The material should be of designation 118n T 3 as per IS 3748</p> <p>h) The hardness of cutting portion of the file shall be 745 HV</p> <p>i) flat file shall be of rectangular cross section, parallel for 2/3 file length and then tapering towards the point in with width and parallel or slightly tapering in thickness</p>	 A photograph of a flat file, which is a hand tool used for sharpening and smoothing metal surfaces. It consists of a long, flat metal cutting edge attached to a wooden handle. The cutting edge is tapered towards the tip. The file is shown vertically against a light blue background.