

1.8.28. VIBRATION CONTROL AND DIAGNOSTICS SYSTEMS OPERATION EXPERIENCE

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Vibration condition testing or, to be more precise the diagnostics of main equipment at large industrial enterprises became an essential part for industrial economical efficiency and safety improvement. In CJSC “Promservice” a DIEC method and software were developed which makes it possible to detect more than 50 defects of rotor equipment in automatic mode, on the basis of vibroacoustic properties analysis. This software is used as a diagnostic core in stationary and mobile systems. Since 1992 it has completed verification in RAO Unified Energy System of Russia and at “RosAtom” enterprises.