

Device for remote monitoring of condition of mine working with anchor support includes load indicator designed as sleeve with support elements and measuring units in the form of indicator grooves, mounted on anchor rod between the support plate and nut. Anchor load indicator is equipped with wireless communication system consisting of passive tags, reader, transducer, switching unit, and control and data collection computer, wherein passive tag contains chip and transceiver antenna with radio-frequency excitation under the influence of reader and is located in measuring nodes of sleeve, each of which is designed for a specified load threshold, wherein reader is equipped with directional antenna and scanner, used to excite and scan tags under the control of converter, and scanner used to excite and scan tags under the control of converter, which is designed to receive, process, and transmit measurement data via switching unit to control and data collection computer.