

RESEARCH OF THE ASYNCHRONOUS ELECTRIC MOTOR IN THE WINDING HEATING MODE AND IN THE DRYING MODE IN ORDER TO PREVENT ITS HUMIDITY

Introduction. Influence of the thermal regime of the electric motor and environmental conditions on the degree of dampness of the windings and a decrease in insulation resistance. As noted above, one of the main reasons for the failure of electric motors in agricultural installations during prolonged downtime is insulation breakdown due to its dampness. Therefore, the development of methods for preventing insulation dampness is an urgent issue. At present, agriculture does not apply any methods to prevent moisture isolation.

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