

A Review on “Failures of Power Transmission Drives”

Dipak Welkar, Vilas Dhagate, Tapasya Gaikwad

Department of Mechanical Engineering

Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India

deepak.welkar@ggsf.edu.in, vilas.dhagate@ggsf.edu.in, tapasya.gaikwad@ggsf.edu.in

Abstract: *This paper present information's about different types of drives used in Industry for power transmissions. The power transmission drives are used frequently in mechanical, electrical, automobile industry. The information about the failure of drives will help for selection of drives as per the working conditions. The failure of drives can occur any time during the operations and may create the major breakdown. So the purpose of this paper is to provide information about the possible failure of these drives and to avoid the sudden breakdown in Industry. At once if we have knowledge of failure we can take corrective action as early as possible if any drive fails during the running conditions.*

Keywords: Drives, Power Transmission, Failure, Breakdown

REFERENCES

- [1]. <https://www.brighthubengineering.com/cad-autocad-reviews-tips/8443-failuremodes-in-gear-part-one/>
- [2]. www.renold.com/media/291236/trc_module_3.pdf
- [3]. 108-010_Failure-Analysis-Gears,-Shafts,-Bearings,-Seals_MaintenanceManual.
- [4]. Engineering Failure Analysis 14 (2007) 716–724
- [5]. H. Bayrakceken *, S. Tasgetiren, _ I. Yavuz.