**Acknowledgements**

I, Clarissa Gracioli Camfield, would like to thank to the Instituto Federal de Educação, ciência e Tecnologia do Rio Grande do Sul- IFRS, Campus Bento Gonçalves, for the support received during the period of removal for qualification for stricto sensu in the Doctoral Course in Production Engineering and Systems of the Universidade do Vale do Rio dos Sinos – UNISINOS.