THE EFFECTIVENESS *PROBLEM BASED LEARNING* (PBL) MODEL BASED ON LESSON STUDY USING eXe LEARNING MEDIA TOWARD MOTIVATION AND STUDENT LEARNING OUTCOMES IN REDOX TOPIC

A THESIS

Submitted to the Chemistry Education Program in Partial Fulfillment of the Requirements for the Degree of Magister Education

By:

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CHEMISTRY EDUCATION PROGRAM POSTGRADUATED SCHOOL STATE UNIVERSITY OF MEDAN

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