

TÜRKİYE CUMHURİYETİ İSTANBUL TEKNİK ÜNİVERSİTESİ
REPUBLIC OF TURKEY ISTANBUL TECHNICAL UNIVERSITY

Tayfun Bel

FEN BİLİMLERİ ENSTİTÜSÜ
METALURJİ VE MALZEME MÜHENDİSLİĞİ Anabilim Dalı
METALURJİ VE MALZEME MÜHENDİSLİĞİ Doktora Programının

having satisfactorily fulfilled all the requirements of
the GRADUATE SCHOOL OF SCIENCE ENGINEERING AND TECHNOLOGY
Division of METALLURGICAL AND MATERIALS ENGINEERING
METALLURGICAL AND MATERIALS ENGINEERING Graduate Program

tüm gerekliliklerini başarı ile tamamlayarak

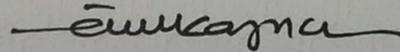
has been awarded the degree of

Doktora

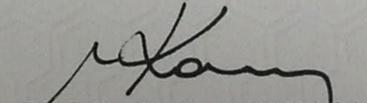
Doctor of Philosophy

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Prof. Dr. İsmail KOYUNCU
Müdür / Director




Prof. Dr. Mehmet KARACA
Rektör / Rector

Diploma No: 2018-03-0089
Mezuniyet Tarihi / Date of Graduation: 02.02.2018