



AIN SHAMS UNIVERSITY

CERTIFICATE

028846

11-12-2013

adel



Official Transcript

Ain Shams University, Faculty of Engineering, hereby certifies that

Ahmed Tarek Ahmed Abd-ElRazik

born in *Cairo, Egypt*, on 7/8/1987 ID. No.: 28708070104219
 was awarded the *degree of Master of Science* in
Civil Engineering, "Structural Engineering",
 upon the approval of the Faculty Council on 9/9/2013
 and the University Council on 10/11/2013.

The thesis title

**"Strengthening of Steel I-Section Beam-Columns
 Using Pre-Stressed CFRP Laminate"**

In addition, the candidate was awarded the shown grades in the following courses:

Course Title	Hrs/Week	Grade	Points
Statistics in Structural Engineering	3	A	4.00
Wind and Earthquakes Engineering	3	A	3.70
Finite Element Method	3	A	4.00
Testing of Products and Structures	3	B	2.70
Suspension and Guyed Structures	3	A	4.00
Advanced Methods for Repair and Strengthening of Structures	3	A	4.00
Advanced Design of Steel Bridges (2)	3	B	3.00
Special Steel Structures (2)	3	A	4.00
Behavior of Steel Structures (2)	3	A	3.70
Thin Walled Steel Structures (2)	3	A	4.00

A = 4.00 (90% or more)
 A = 3.70 (85% to less than 90%)
 B = 3.30 (80% to less than 85%)
 B = 3.00 (75% to less than 80%)

B = 2.70 (70% to less than 75%)
 C = 2.30 (65% to less than 70%)
 C = 2.00 (60% to less than 65%)
 D = 1.70 (55% to less than 60%)

D = 1.30 (53% to less than 55%)
 D = 1.00 (50% to less than 53%)
 F = 0.00 (less than 50%)
 Cr. H.: Credit Hours

Registrar
 Anna

Vice Dean

Prof. Mohamed Ayman Ashour