



Postal code: 1447734595  
Apt. No.4 of 58 Bld. in Tahmasbi  
St. Koye Nasr.  
Tehran, Iran  
Tel: 0098-912 1796579  
Email: masoudsmd@yahoo.com

## Masoud Samadi

### Personal Information

- \* Date of Birth: Sept. 15,1962
- \* Place of Birth: Tehran, Iran
- \* Marital Status: married with 1 dear daughter

### Education

\*1986-1990 Iran University of Science & Technology , Tehran, Iran,

#### **B.Sc. in Material Science Engineering**

**CA : 12.3 out of 20**

\*2014 -2016 Iran University of Science & Technology , Tehran, Iran

#### **M.Sc. in Mechanical Engineering-Rolling stocks**

**CA : 14.59 out of 20**

**Basic Thesis:** 1) Specifying the base parts of RAI INFRASTRUCTURE and

2) Writing the technical specifications of them via reverse engineering

3) Some metal plating projects such as Hard chromium , Cadmium ,Hot deep galvanizing

4) NDT usage in railway

5) The effect of Point(Switch)Blades heat treatment on its service life

6) Railway parts specifications for heavy axle loads & high speed Railway-Their Specifications &

Acceptance

### Professional Experiences

- \* Jan. 1993 – now : Iran State Railways ( I.I.R.R. ) : **In charge of Q.C. , Q.A. & Technical Inspector**
- \* Jan. 2013 – now : Iranian Association of Official Experts : **Technical Inspector ( Official Expert )**
- \* July 1990 – Jan. 1993 : Iran University of Science & Technology : **Academic Staff**
- \* 1991 – now **Teaching Chemicals ( & Physics ) in some high schools and separate students**
- \* 2000 - now **sale management in Iran Railways**

### Publications (some samples)

- \***Samadi M.** ,2016 , Technical Specification of Polymeric parts in Rail Fastening Systems for High Speed
- \***Samadi M.** ,2016 , Technical Specification of Polymeric parts in Rail Fastening Systems for Heavy Haul
- \***Samadi** ,2015 , "N.D.T.in Iranian Railways " 4<sup>th</sup> N.D.T. Confer. Tehran - Iran
- \***Samadi M.** ,2005, "Rail,the basic invest of railways infrastructure" 6<sup>th</sup> Railways conference on safety improvement & prevention Accidents
- \***Samadi M.** ,2005, "Improving the mechanical & metallurgical properties of Rail welds by using the microalloys" 6<sup>th</sup> Railways conference on safety improvement & prevention Accidents
- \***Samadi M.** ,2003 , "Technical specification of Raiways Iron Shoes " Iran State Railways (I.I.R.R. )
- \***Samadi M.** ,2003 , "Technical specification of Raiways Steel Shoes " Iran State Railways (I.I.R.R. )
- \* Soltanipour M. , **Samadi M.** ,2002, " Narrow Gap Welding for Rails " working paper ,Iran State Railways (I.I.R.R.)
- \* **Samadi M.** , 1995 , " Technical specification of screws coating in railways" Iran State Railways (I.I.R.R. )

\* **Samadi M.**, 1989 , "The effect of Polymeric coatings on metals fatigue" Poster paper - International Symposium on Advanced Materials - **Pakistan**

### Some Other Additional courses

- \* **Sales way** , 2012 ,Iran state Raiways
- \***Risk management in projects holding**, 2009 , Iran State Railways (I.I.R.R. )
- \* **Statisiial problem solving**, 2009 , Iran State Railways (I.I.R.R. )
- \***Railways Safety Issues** , 2008 , International Union of Railways
- \***Advanced Railway Course** , 2006 , 3 months ,**Pakistan**
- \***Value Eng.ing.Module I** , 2005 , CVS international
- \***Residual stress measurement of steels**, 2004, Elhamsaz Co.
- \***Coding the Materials** , 2002 , Iran State Railways (I.I.R.R. )
- \***Radiography examination Level 1 & 2** , 2001, School of Nondestructive Testing
- \***Training course on productivity Improvement in Industries**, 1997, Japan Productivity center for Socio-Economics Development **JAPAN**

### Computer Skills

- \* **I.C.D.L.**
- \* **MSP**
- \* **ANSYS**

### Language Proficiency

- \* **English** , MCHE 53 / 100 – fluent in speaking ,reading &writing
- \* **Turkish** , Reading & a little Speaking (My parents are really Azeri)

### References

- \***Toosi M.A.** , Assistant professor of Met.& Mat. Eng. , Iran University of Science & Technology
- \***Tamizifar M.** , Head of the Met. &Mat. Eng. Dept. , Iran University of Science & Technology
- \***Shahi M.** , Head of Quality Control Office , Iran State Railways (I.I.R.R. )
- \***Shapouri H.**, Director General of Iran Railway training Bureau (I.I.R.R.)
- \***Farahani A.J.** , The manager of track Eng. Group , Iran State Railways (I.I.R.R. )