

**Ryan Morales**  
**5310 Fossil Stone Ln.**  
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**Profile:**

**A quality-focused individual trained as a Mechanical/Metallurgical Technician. Knowledgeable in various types of mechanical testing and specifications those test fall under. Strong verbal and written communication skills, with the ability to work in fast pace environments independently and within a team.**

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**Objective:**

Secure a responsible position within an organization which offers growth and development of new skills and significantly contribute to an employer through performance and quality assurance.

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**Experience:**

**10/09-12/16 MTEC Mechanical Testing Services**

8676 Taub Road  
Houston, Texas 77064  
281-469-2609  
Owner- Don Crow

**Lab Supervisor**

Provide training and management to technicians in various types of mechanical testing, interpretation of specifications and quality control.

Responsible for all mechanical testing performed as well as interpretation of test results.

Create test procedures for all new software and machines for employees to comprehend and apply.

Create work plans by evaluating technician output and performance, as well as their ability to work under pressure.

Advise in more efficient ways of performing testing and accessibility to specifications.

Divide up duties to assure that all project deadlines are met and well performed.

Communicate with clients and third parties for trouble shooting or any questions they may have about tests and the types of testing we can perform.

**11/07-5/29/09**

**Lloyds Register Capstone**

1505 Hwy 6 S., Suite 250  
Houston, Texas 77077  
281-493-2236  
Supervisor- Don Conger

**Visual Inspector**

Performing external visual inspection per API specifications, data collection, reports, data entry, and running risk assessment.

Create detailed reports based off of external visual inspection of in-process equipment.

Create and perform reliability based risk assessment from compiled data including external visual inspection reports, inspection history, data collected from equipment, and NDE testing.

Perform QC for previous and recent inspections as well as NDE history.

Mark NDE locations so the new UT readings can be included in the risk assessment for calculating next inspection date.

Train new personnel in all fields of external visual inspection.

**11/06-11/07 Lloyds Register Capstone**

1505 Hwy 6 S., Suite 250  
Houston, Texas 77077  
281-493-2236  
Supervisors- Stan Daigle and David Johnson

**Metallurgical Technician**

Provided support with machining, shipping, receiving, purchasing and failure analysis testing.

Performed analysis of materials that failed during process to determine a clear and detailed reason for the failure.

Team up with project engineers to determine more profitable and efficient ways to complete projects.

Provide report data and test results to project engineers.

Perform daily upkeep on all test equipment and machinery in the test lab to prevent contamination and injury.

Work onsite and create replica samples of in process machinery to run assessment of material to prevent loss of profit for clients.

Purchase materials for lab and create new equipment to improve project completion time.

**Education:**

**University Of Houston, Houston TX**  
**B.S. Computer Science and Mathematics**  
**Graduation Spring 2018**