



Direct Assessment (DA) Exam

Exam Preparation Guide

December 2020

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Introduction

The Direct Assessment (DA) exam is designed to assess whether a candidate has the requisite knowledge, skills, and abilities (KSA) that a minimally qualified person responsible for implementation or management of an integrity program for a pipeline system must possess.

Exam Name	Direct Assessment (DA) Exam
Time	1.5 Hours (90 minutes)
Number of Questions	50
Format	Live Online Remote Proctoring (Examity*)
Passing Score	Pass or Fail

**Delivered through Examity, NOT AT Pearson Testing Center*

Target Audience

Direct Assessment (DA) benefits individuals responsible for implementation and/or management of an integrity program for a pipeline system with an emphasis on integrity verification and maintenance optimization.

Candidates who may successfully complete the DA course and exam are able to describe DA and the relationship to an overall pipeline corrosion integrity management program, recognize the benefits and limitations of DA, recall standards related to DA, differentiate DA from other pipeline integrity methods, perform quality assurance, establish corrosion rates, explain responsibilities of the operator and/or service provider, categorize the DA phases, and recognize the different types of DA.

Requirements

Requirements for Direct Assessment

Prerequisites
<ul style="list-style-type: none">• None required for course
Core Course Requirements
<ul style="list-style-type: none">• Direct Assessment (DA) course
Core Exam Requirements
<ul style="list-style-type: none">• Direct Assessment (DA) Exam
Application Requirements
<ul style="list-style-type: none">• None required

Exam Body of Knowledge

NOTE: At the end of the exam, the candidate will receive a chart with strengths and weaknesses that correspond to the Domains listed below. You will have the option to email or print it.

- 1. INTRODUCTION**
- 2. COMPARING DIRECT ASSESSMENT METHODS**
- 3. EXTERNAL CORROSION DIRECT ASSESSMENT**
- 4. INTERNAL CORROSION DIRECT ASSESSMENT**
- 5. STRESS CORROSION CRACKING DIRECT ASSESSMENT**
- 6. EXTERNAL CORROSION CONFIRMATORY DIRECT ASSESSMENT**
- 7. DATA MANAGEMENT**
- 8. ESTABLISHING CORROSION RATES**
- 9. REASSESSMENT OPTIONS / INTERVALS**
- 10. QUALITY ASSURANCE**
- 11. MANAGEMENT OF CHANGE**
- 12. CONTINUOUS IMPROVEMENT**
- 13. CONTRACTUAL RESPONSIBILITIES OF THE OPERATOR AND CONTRACTOR**

Types of Questions

Description of Questions

This open-book exam consists of multiple-choice questions where some questions require one answer and some require more than one answer choice. Questions that require more than one answer will include the note **SELECT ALL THAT APPLY**.

The questions are based on the knowledge and skills required in the direct assessment industry.

Sample Questions

The sample questions are included to illustrate the formats and types of questions that will be on the exam. Your performance on the sample questions should not be viewed as a predictor of your performance on the actual exam.

1. Which of the following are likely causes of internal pipeline defects?
SELECT ALL THAT APPLY
 - A. Fluid flow
 - B. Mass transfer
 - C. Solids accumulation
 - D. Sodium ions concentration

2. For a pipeline segment 6 miles (10 km) or less in length, the minimum number of final assessment site locations required by NACE SP0110-2010 is which of the following?
 - A. 1
 - B. 4
 - C. 6
 - D. 10

Answer Key:

1. **A, B, C**

Reference: DA Course Manual

2. **B**

Reference: DA Course Manual

Preparation

Required Training

NACE Direct Assessment course

Suggested Study Material

NACE Direct Assessment Course Manual

Reference Material Provided During Exam

The DA Course Manual is provided in electronic form during the exam.

What to Expect on Test Day

Remote Online Exam Proctoring

** Remote online proctored exams are offered for select exams.*

The NACE Institute has partnered with Examity to offer remote online proctoring for the Direct Assessment (DA) Exam. With the new Examity platform, you can take the exam from home without arranging for a proctor or traveling to a test site. Please visit this link for information you should know.

<https://naceinstitute.org/certification-resources/online-exam-proctoring>

Examity Demonstration with Automated Proctor

Please visit this link for a demonstration of the computer-based exam. You will have the opportunity to get familiar with how it all works.

<https://vimeo.com/399635210/2eb75207b8>

Computer-Based Exam Tutorial

Please visit this link for a demonstration of the computer-based exam. You will have the opportunity to practice answering a variety of questions to help you get familiar the CBT exam format. You will also receive this tutorial link when you register for the exam:

[NACE Examity Tutorial Video](#)