



Example of CATIA Designer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of CATIA designer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for CATIA designer

- Conduct tolerance stackup studies (hot/cold)
- Provide engineering support for nacelle aircraft parts
- Ability to check engineering drawings to customer's standard work processes
- Check form, fit and function of parts, assemblies and assembly to assembly relationships of nacelle products
- Create required tolerance analysis stack ups to ensure functional fit of parts and assemblies
- Solid understanding of ANSI Y14.5 and ASME Y14.1 standards
- Candidate must be able to comprehend standard work for creating and reviewing solid models & drawings, ability to check work to composite part design work instructions and have robust skills using CATIA V5, ENOVIA and Team Center engineering
- Experience with Microsoft office tools is needed
- Learns and efficiently utilizes the company's design and engineering data base of product design
- Using drafting techniques and tools, creates drawings equipment installations and/or interior assemblies/ installations by developing and utilizing knowledge of the company's service, materials, products, and equipment capabilities and limitations

Qualifications for CATIA designer

- Min of 6 years of experience in mechanical design engineering or 2 years in railway, rolling stock product locomotives, rail passenger cars
- 3D Modelling, drawing rules ASME Y14 and stack-up analysis
- Mandatory experience in Catia v5 (< 10000 h)
- Must Have Experience creating structural / mechanical designs using CATIA V5 & Enovia