

Grade Checker Job Description

Duties and Responsibilities:

- Mark and read survey stake along highway right-of-way to determine grade specification
- Measure and set grade stake to guide earth-moving equipment during excavation and embankment operations
- Observe and direct equipment operators during an excavation operation to ensure conformity with stake references
- Utilize surveyor rod and eye level to adjust the elevation of an embankment and initial excavation
- Form horizontal stakeline on embankment by measuring and staking at specific intervals
- Monitor backfill and sloping operations to ensure compliance with set production and safety guidelines
- Inspect excavation and embankment equipment to ensure they are in good condition and function efficiently
- Clean and prepare work site prior to the measurement and setting of grade stakes
- Collaborate with construction supervisors, equipment operators and site engineers to set and implement standards for work operations
- Utilize hatchets and chalk to set grade stakes and indicate grade specification on stakes
- Take horizontal and vertical measurements to determine the ratio of grade stake to embankment
- Maintain an up-to-date knowledge of surveying equipment and it's mode of operation
- Verify grade specifications to notify equipment operators and construction supervisors of deviations
- Study construction blueprints to determine the grade standard required for a fill, sloping or excavation operation.

Grade Checker Requirements – Skills, Knowledge, and Abilities

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- **Education and Training:** To become a grade checker, you require a high school diploma and about 5 years of experience in the field of construction and grade checking. Training on the use of surveying equipment and interpretation of construction plans are also necessary
- **Observational Skills:** Grade checkers are adept at monitoring excavation and embankment activities to ensure equipment operators adhere to grade specifications
- **Physical Stamina:** Grade checkers endure long hours of strenuous work in a crouching or standing position, so you need to have strong physical stamina
- **Eye for Details:** Grade checkers are well versed in measuring and setting grade stakes according to set standards.