

NO RTEC JOB SPECIFIC COMPETENCY

BULLDOZER OPERATOR I

DOT: 850.683-010 / O'NET: 97938 SVP 5

Job Description: Operates tractor equipped with concave blade attached across front to gouge out, level, and distribute earth and to push trees and rocks from land preparatory to constructing roads and buildings or planting crops, or in mining, quarrying, and lumbering operations. *Physical Demands* - Heavy carrying, lifting, or moving (up to 100 lbs); *General Educational Development* - R3 M2 L2; *Aptitudes* - Average General Learning Ability, Spatial, Form Perception, Motor Coordination, Manual Dexterity, and Eye-Hand-Foot Coordination.

CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate an understanding of the operational theory of a dozer. (S, T)
2. Can demonstrate understanding of industry terminology. (IN)
3. Can convert cubic yards into tons and vice versa. (R)
4. Can demonstrate understanding of basic surveying concepts as they apply to road construction. (T, IN)
5. Can read slope stakes for cut and fill to establish final grade. (T, R)
6. Can read basic road plans and blueprints. (R, T)
7. Can make excavating curvatures, set grade on road, make building pads and parking lots using dozer. (R, T)
8. Can demonstrate understanding of OSHA regulations. (S)
9. Can maintain equipment including changing hydraulic hoses, pads on tracks, and replacing cutting edge on blade. (R, T)
10. Can demonstrate understanding and maintenance of hydraulics. (T)
11. Can demonstrate an understanding of soil compaction and composition. (R, T)
12. Can work safely around utility lines. (I, T)
13. Can lay pipe in constructed trenches. (T)
14. Can load and unload dozer onto trailer. (T)
15. Can work safely with other equipment in the work area and demonstrate personal and equipment safety. (I, S)
16. Can analyze grades. (T)