

A-GRAM



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

01-12

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AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) VIDEO ? WHEEL MOUNTED FRONT-END LOADER – LOAD MATERIAL

SYNOPSIS:

We have recently completed another Pavements and Construction Equipment Operators audiovisual training product – *AFQTP – Wheel Mounted Front-End Loader – Load Material, PIN 613939*. This 24-minute production was transferred to the US Army Visual Information Center (USAVIC) in Tobyhanna PA for automatic distribution to all AF civil engineer organizations. It supports the Air Force Qualification Training Program for home-station training. This program presents standardized, step-by-step, procedural guidance describing how to perform a specific task identified in the specialty training standard portion of the Pavements & Construction Equipment Operator Career Field Education and Training Plan.

This video is divided into two parts: Part I covers the Scoop Method and Part II addresses the Clamshell Method of front-end loader operation. An important operator's tip is also included to help inform younger operators of a commonly overlooked aspect of dump truck operation.

The key to loading the front-end loader bucket is to follow four simple steps each and every time you load the bucket. Those steps are: *Approach the Stockpile, Enter the*

Stockpile, Crowd the Bucket, and Leave the Stockpile. These steps are shown in detail to maximize the loader's capability to fill the bucket. Do's and Don'ts and safety-related actions, like keeping the bucket close to the ground and always checking behind the loader before backing, are also stressed. Proper dump truck positioning at the stockpile and correct filling techniques are covered for the front-end loader equipped with a standard bucket.

You can accomplish numerous tasks with a front-end loader equipped with a standard bucket; however, a multi-segment or 4-in-1 bucket may provide the most versatility. Part II of the video demonstrates how to pick up material using the clamshell method and how to deposit the material in a dump truck using the same method. Loading the bucket using the clamshell method entails three steps: *Approach, Skid Away, and Fill.* Safety items are highlighted throughout this part. Probably one of

the biggest safety items overlooked is using the front part of the bucket to push material. This practice can easily bend the bucket out of shape, or worse, you could strike an immovable object sending the operator flying into the steering wheel or windshield.

ACCESSIBILITY:

Additional copies of this and other training audiovisual products can be ordered on-line from <http://dodimagery.afis.osd.mil/>. If you do not have Internet access, you may order from USAVIC/JVIA, ATTN: ASQV-JVIA-T (USAF), Building #3, Bay #3, 11 Midway Road, Tobyhanna PA 18466-5102. A point of contact at USAVIC is Ms. Maria DiGenova, DSN 795-6543 or FAX 795-6106. Questions regarding automatic distribution of home station training audiovisual products should be addressed to Mr. Ralph Gruber, HQ AFCESA/CEOT, DSN 523-6181.

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