

REPUBLIC OF INDONESIA

Indonesia Issue Paper # 03

TECHNICAL UPDATE TO THE COE MANUAL – RENAMING THE INDUSTRIAL TRACTOR LIGHT

1. ISSUE PAPER THEME

Other / Crosscutting

2. SUMMARY / BACKGROUND / PREVIOUS HISTORY

The classification of industrial tractors equipped with a bucket and/or backhoe can lead to some confusion due to their similarities with both backhoe loaders and frontend loaders.

Backhoe loaders are highly versatile machines that integrate the functions of wheel loaders and excavators. They are designed with a small bucket at the rear for excavation tasks and a larger bucket at the front for material loading. Their compact dimensions and adaptability make them particularly advantageous for urban development projects. With the ability to perform both loading and excavation activities, backhoe loaders are an efficient choice for a variety of applications.

There are numerous variants of the industrial tractor that have been specifically engineered for distinct functions, aimed at facilitating the transportation of heavy loads, agricultural activities, and earthwork.

When referring solely to a bucket, the appropriate term is "front-end loader," which varies primarily in bucket and machine capacity.

3. DETAILED PROPOSAL

Chapter 8, Annex A

- Rename the Industrial Tractor Light listed under Engineering Vehicle **Industrial Tractor Light with bucket and/or backhoe**, light with up to 5 T tow capacity
- New Equipment: Backhoe Loader with bucket and backhoe, light with bucket capacity under 1 ^{cbm}.
- New Equipment: Backhoe loader with bucket and backhoe, medium with bucket capacity 1-2 ^{cbm}

4. FINANCIAL IMPLICATIONS

[There are no financial implications. This is only technical edits or updates, and largely technical amendments.]

5. PROPOSED 2026 COE MANUAL TEXT

An example of the Backhoe Loader is as follows:



Resources: 428 Side Shift Backhoe Loaders | Cat | Caterpillar



Resources: Komatsu Backhoe Loader WB93R-5