

# Safe Operating Procedures

**Make:** Atlas Copco  
**Model:** BC2500  
**Type:** Crusher Bucket  
**Plant Number:** 82  
**Serial Number:** DEQ179041



## Recommended PPE - Subject to Company & Site Policy



## SOP Crusher Bucket

### GENERAL & START UP

- Read and understand manufacturer's operational manual
- Complete pre-operational checklist on carrier unit and crusher bucket (never use faulty or defective machinery)
- All operators must be free from the direct and after effects of drugs and alcohol
- Ensure that an appropriate, charged fire extinguisher is available
- Ensure carrier unit and crusher bucket are compatible
- Ensure crusher bucket is properly attached to the carrier unit prior to operation
- Know your crusher bucket, its features and how they work, keep your machine in good condition
- Ensure work area is clear of bystanders and hazards prior to starting engine and operating machine
- Once engine is started confirm control pattern and machine function
- Ensure that you are familiar with the crusher bucket and the clearance distances between it and any other part of machine
- Be familiar with the features and capabilities of the machine used with this crusher bucket

**! NEVER HIT CABIN OR ANY PART OF MACHINE WITH ANY ATTACHMENTS!**

### COUPLING

#### ALWAYS:

- Ensure attachment is safely and sturdily supported on level ground
- Wear gloves when handling hydraulic lines
- Ensure crusher bucket is attached to carrier unit as per manufacturer's operational manual
- Ensure crusher bucket is securely attached to the carrier unit, with all locking pins securely fastened
- Ensure all hydraulic lines are connected correctly and free from leaks and damage (never use your hands to check for leaks, use wood or cardboard)

#### NEVER:

- Couple crusher bucket to a machine that is not compatible for this attachment
- Attempt to connect hydraulic couplings with carrier unit engine running

### UNCOUPLING

#### ALWAYS:

- Lower attachment so that it is safely and sturdily supported on level ground before disconnection
- Ensure all couplings and hydraulic lines are disconnected prior to uncoupling attachment
- Ensure attachment is stored in a manner to reduce likelihood of hazards, store attachment on the ground positioned so it can be readily re-attached to the machine without the need for manual movement or repositioning
- Relieve hydraulic pressure from hydraulic circuit prior to uncoupling
- Wear gloves when disconnecting hydraulic hoses after operation, use caution as hydraulic hoses will be hot

**NEVER** disconnect hydraulic couplings with carrier unit engine running

### OPERATION

#### ALWAYS:

- Ensure work area is clear of all bystanders
- Ensure exclusion zone is set up around work area, be aware of flying debris

# Safe Operating Procedures

---

- Only use crusher bucket to crush materials as per manufacturer's instructions
- Use water to reduce dust
- Ensure adequate lighting is available whilst in operation
- Check for and remove any metal before crushing if possible
- Refer to the power line approach distance label re: safety around power lines

**!** **ALWAYS** POSITION MACHINE AS LEVEL AS POSSIBLE, ON FIRM GROUND

**NEVER:**

- Use phone while operating machine
- Use crusher bucket if excess vibration or abnormal noise is detected
- Use the crusher bucket for excavation operations, the bucket is designed for crushing
- Use the crusher bucket for non-crushable materials such as damp materials, metals, wood etc.
- Touch any part of the crusher bucket immediately after use (may be very hot)
- Attempt to clear a blocked crusher bucket until the carrier unit engine has been switched off and isolated

**!** **NEVER** POSITION MACHINE UNDER PRECIPICE OR OVERHEAD OBSTRUCTIONS

## TRANSPORT & MAINTENANCE

**ALWAYS** maintain attachment with care, inspect hydraulic hoses periodically and if damaged, have repaired by a competent person

**ALWAYS** switch off and isolate machine prior to performing any maintenance

**ALWAYS** follow OEM instructions for lubrication and changing of crusher jaws or plates

## Operator Signature:

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_