

# GE Healthcare OEC

## A Quality Process for Refurbished OEC C-arms



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# OEC C-arm Refurbishing Factory



- ✓ OEC C-arms are refurbished at the OEC manufacturing plant in Salt Lake City, Utah
- ✓ We spend 30 – 40 hours refurbishing every OEC 9800 or 9900 refurbished C-arm to ensure OEC quality

# OEC Refurbishing Process

## 1. De-contamination



- ✓ 1 – 2 hours to clean and decontaminate every system inside and out

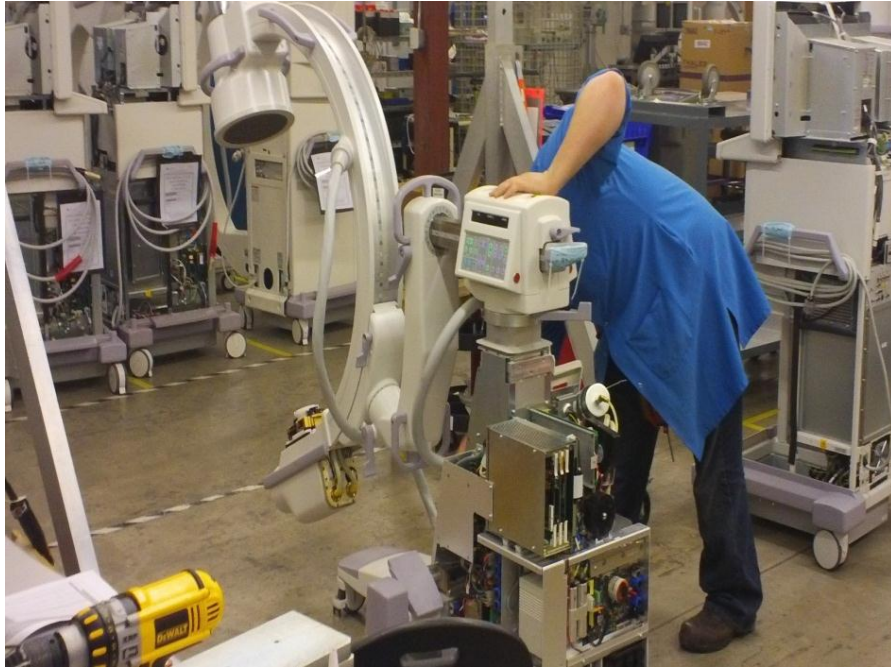
## 2. Initial System & Paint Evaluation



- ✓ 1 hour of initial system and paint evaluation
  - Remove covers & perform initial check
  - System is staged for repainting if new paint is needed

# OEC Refurbishing Process

## 3. Final System Evaluation



- ✓ ~8 hours to perform an extensive system evaluation
  - Inspect and verify quality OEC parts are still in the system
  - Any parts not compatible with current hardware and software are exchanged to ensure system reliability - This is an important step which the 3<sup>rd</sup> party refurbishers cannot do

# OEC Refurbishing Process

## 4. Initial System Test



## 5. Field Actions & PM



- ✓ ~6 – 8 hours for an initial system test
  - Perform system testing
  - Perform pertinent field actions (FMIs) – Parts and software upgrades
  - Perform OEC service 300 point Planned Maintenance (PM)

# OEC Refurbishing Process

## 6. Quality Assurance



## 7. Final System & Functional tests



- ✓ ~1 hour for Quality Assurance testing
- ✓ ~6 hours for final system testing
- ✓ ~4 hours for system functional test
  - Ensure the system is calibrated and operates properly
  - The system is checked using the same factory tests used to ensure new systems meet design specifications - the 3<sup>rd</sup> party refurbishers cannot do this, as they don't have access to our design documents.



# OEC Refurbishing Process

## 8. Final Quality Assurance



## 9. Clean, Paint & Label



- ✓ ~4 – 6 hours for final Quality Assurance, cleaning, paint touch-up and labeling
- ✓ Affix an OEC Certified Pre-owned label that guarantees this system has been through OEC's complete quality assurance process
- ✓ Add OEC options or accessories

# OEC Refurbishing Process

## 10. Packing and Shipping



- ✓ C-arm and workstation are palletized and shipped
  - Packaged in specially designed OEC crates to protect the system from any damage during shipment
- ✓ Delivery to the customer is the same process as a new OEC C-arm





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