

## XREADYFORPROD

Figure 1: XREADYFORPROD

### XREADYFORPROD Field

The field XREADYFORPROD is used as an indicator to check whether the order is ready for MES functionalities like planning and scheduling and Execution. The process of the order in Nucor solution is the following.

The Flag is set to 'YES' for 3 scenarios:

1. During IPO life cycle
2. During CPO life cycle
3. After the demand has been confirmed

### IPO

When the production order is created, after the elaboration from Order dressing during the event marked in the above picture, the flag XREADYFORPROD is changed to Yes. The conditions based on which it is changed are the following:

- Check if the order line is booked i.e EBS has acknowledged the order.
- Check if the order has been elaborated by Order Dressing.

If the above two conditions are met, the flag is set to yes.

### CPO

After the creation of CPO and elaboration of the Order, the CPO along with its corresponding other CPOs the flag is set to yes.

### Demand Confirmation

After the demand has been confirmed from the demand manager, it is checked whether the order has any issues which might arise for various reasons during its life cycle. If the order has no issues, then MES sends a message for confirmation to EBS and then updates the flag thereby affirming that the order is ready for production.