

FOUR-WIRE REBATE FORM (FARM WIRING CHECK LIST)

EAU CLAIRE ENERGY COOPERATIVE - 8214 US HWY 12 P.O. BOX 368, FALL CREEK, WI. 54742 ph 715-832-1600

CUSTOMER NAME	PHONE
---------------	-------

ADDRESS

ELECTRICIAN NAME	PHONE
------------------	-------

GROUNDING

Minimum grounding is met:	YES/NO	N/A	COMMENTS
Central yard pole			
Barn Service entrance			
Other buildings			
Metallic well casing is bonded to electrical system			
Electric fencer has individual ground rod			
Cow trainer has individual ground rod			
Electric fencer ground lead wire is no. 8 copper stranded, 600 volt insulation			
Cow trainer ground lead wire is no. 8 copper stranded, 600 volt insulation			
Equipotential plane is installed in each livestock building			
Grounding connections are clean and tight			

GENERAL FARM WIRING PRACTICES

GENERAL FARM WIRING PRACTICES	YES/NO	N/A	COMMENTS
Neutral connections on central yard pole are good			
Neutral terminations in service entrances are clean and tight			
Only one service entrance feeds each building			
Four-wires are feeding single phase service panels from meter			
Four-wires are feeding single phase subpanels			
An equipment grounding conductor is run to all equipment including motors			
Equipment ground and circuit neutral are separate with no continuity (test and verify)			
120 volt loads are balanced			
Electric fencer uses high voltage wire on hot terminal			
Cow trainer uses high voltage wire on hot terminal			
There are no fuses blowing or circuit breakers tripping			
All single phase motors are wired 240 volts			
UF wire or PVC conduit is used in wet locations			
Conductors to service entrances are properly sized			
Livestock waterers are properly wired and grounded			
Dust and moisture tight boxes, connectors, and equipment designed specifically for livestock areas are being used. This applies to all new installations.			

Completed by _____ date _____

ECEC USE ONLY

Approved for payment by _____ date _____