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EDC THREADED MECHANICAL SPLICING SYSTEM PROCEDURE

PROVIDES FOR THE ASSEMBLY OF A 3 PIECE REINFORCING STEEL THREADED SYSTEM FOR JOINING REINFORCING BARS FOR THE PURPOSE OF PROVIDING TRANSFER OF EITHER AXIAL COMPRESSION OR AXIAL TENSION OR BOTH FROM ONE REINFORCING BAR TO THE OTHER.

STEP 1 – USUALLY EDC SPLICES ARE SUPPLIED PRE-ASSEMBLED AS MALE AND FEMALE UNITS. IN THE CASE WHERE IT IS REQUESTED THAT THE BARS AND COUPLER ARE SUPPLIED LOOSE THEN IT WILL BE NECESSARY TO INTRODUCE A MALE BAR INTO THE COUPLER BY HAND AND THREADED TO A POINT WHERE THE BAR RESTS FIRMLY AGAINST THE COUPLER CENTER STOP. (NOTE: THERE IS NO NEED FOR THE USE OF ANY SPECIAL TOOLS OR TORQUE OF THE BAR.)

STEP 2 – IF THE COUPLER IS BEING EMPLOYED AS A FORM SAVER DEVICE, THEN THE COUPLER FLANGE IS ATTACHED TO THE FORM FACE BY NAILS, SCREWS OR BOLTS. SERIOUS CONSIDERATION SHOULD BE GIVEN TO FUTURE STRIPPING PROCEDURE SO THAT THE FASTENERS USED ARE NOT SO PERMANENT AS TO IMPEDE THE REMOVAL OF THE FORMS AFTER CASTING.

STEP 3 – THE SETTING BAR IS NOW TIED OFF TO THE ADJACENT REINFORCING STEEL. UNLESS HOWEVER IF THE BAR IS FUNCTIONING AS A STRUCTURAL MEMBER IN WHICH CASE THE BEAM, COLUMN OR OTHER MEMBER SHOULD NOW BE TIED AND ASSEMBLED. IN EITHER CASE PROPER CARE SHOULD BE TAKEN TO INSURE THE PROPER PLACEMENT OF THE STEEL AND THAT IT IS NOT ALLOWED TO BE DISPLACED DURING CASTING.

STEP 4 – AFTER CASTING AND STRIPPING OF THE FORMS THE MALE SPLICE BAR IS THREADED INTO THE NOW EXPOSED FEMALE BAR UNTIL IT REACHES THE POSITIVE CENTER STOP. (AS STATED ABOVE NO SPECIAL TOOLS OR TORQUE IS REQUIRED IN THIS SYSTEM.)

STEP 5 – AGAIN THE SPLICE BAR IS TIED OFF TO THE ADJACENT STEEL OR ASSEMBLED AS A STRUCTURAL MEMBER AND THE PROCESS IS COMPLETE AND AWAITING OF THE NEXT PLACEMENT OF CONCRETE.

EXCEPTION: POSITIONAL COUPLERS CARRY ALL THE SAME PROPERTIES AS THE STANDARD COUPLER WITH THE EXCEPTION OF THE ELIMINATION OF THE CENTER STOP. CARE NEEDS TO BE TAKEN THEREFORE BY MARKING THE REINFORCING BAR TO INSURE PROPER MID-POINT DEPTH ENGAGEMENT WITH THE COUPLER. ALL OTHER ASSEMBLY INSTRUCTIONS APPLY.