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weight_per_foot = this.getField("weightPerFt");
var thread_diameter = this.getField("threadDiameter");
var thread_diameter_A = this.getField("threadDiameter");
var torque_make_up_length = this.getField("torqueMakeUpLength");
var make_up_comp_length = this.getField("makeUpCompLength"); // need to populate with var compensated_joint_length
var joint_length = this.getField("jointLength");
var compensated_joint_length = make_up_comp_length.value + joint_length.value;

//Tests
// torque_make_up_length + joint_length

console.println("torque_make_up_length + joint_length");
console.println(compensated_joint_length);

var SELECT = event.value;

if (SELECT == "563") {

    thread_diameter.setItems([thread_diameter_A.value, "2.375", "2.875", "3.50", "4.00", "4.50", "5.50", "6.625", "7.00", "9.625"]);

    //Tests
    console.println("from 563 thread_diameter_A");
    console.println(thread_diameter_A.value);

    weight_per_foot.setItems(["4.60(WT. 0.190 in)", "6.40(WT. 0.217 in)", "9.20(WT. 0.254 in)", "11.00(WT. 0.262 in)", "11.60(WT. 0.250 in)",
        "12.60(WT. 0.271 in)", "13.20(WT. 0.330 in)",
        "14.00(WT. 0.244 in)", "15.00(WT. 0.296 in)", "15.20(WT. 0.337 in)", "15.50(WT. 0.275 in)", "17.00(WT. 0.304 in)", "18.00(WT. 0.362 in)",
        "20.00(WT. 0.288 in)", "24.00(WT. 0.352 in)",
        "24.10(WT. 0.500 in)", "6.40(WT. 0.217 in)", "26.00(WT. 0.362 in)", "29.00(WT. 0.408 in)"
    ]);

} else if (SELECT == "Blue") {
    thread_diameter.setItems([thread_diameter_A.valueAsString, "2.375", "2.875", "3.50", "4.50", "5.50", "7.00", "9.625"]);

    //Tests
    //console.println(thread_diameter_A.value);
    //console.println("from Blue thread_diameter_A");
    console.println(torque_make_up_length.value);

    weight_per_foot.setItems(["4.60(WT. 0.190 in)", "6.40(WT. 0.217 in)", "9.20(WT. 0.254 in)", "12.60(WT. 0.271 in)", "17.00(WT. 0.304 in)",
        "26.00(WT. 0.362 in)", "29.00(WT. 0.408 in)", "29.00(WT. 0.217 in)", "53.50(WT. 0.545 in)"
    ]);

}

// 563 Threads, Diameters, Weights And Wall Thickness
if (thread_diameter_A.value == "2.375" && SELECT == "563") {
    weight_per_foot.setItems(["4.60(WT. 0.190 in)"]);
    torque_make_up_length.value = "3.642";
    //make_up_comp_length.setItems(compensated_joint_length);

    // | | | | | | |
    //FAILING FAILING FAILING FAILING FAILING FAILING FAILING
    // v v v v v v v v
    //////////////////////////////////////
    make_up_comp_length.setItems("compensated_joint_length"); //populate make_up_comp_length textBox
    //////////////////////////////////////

```