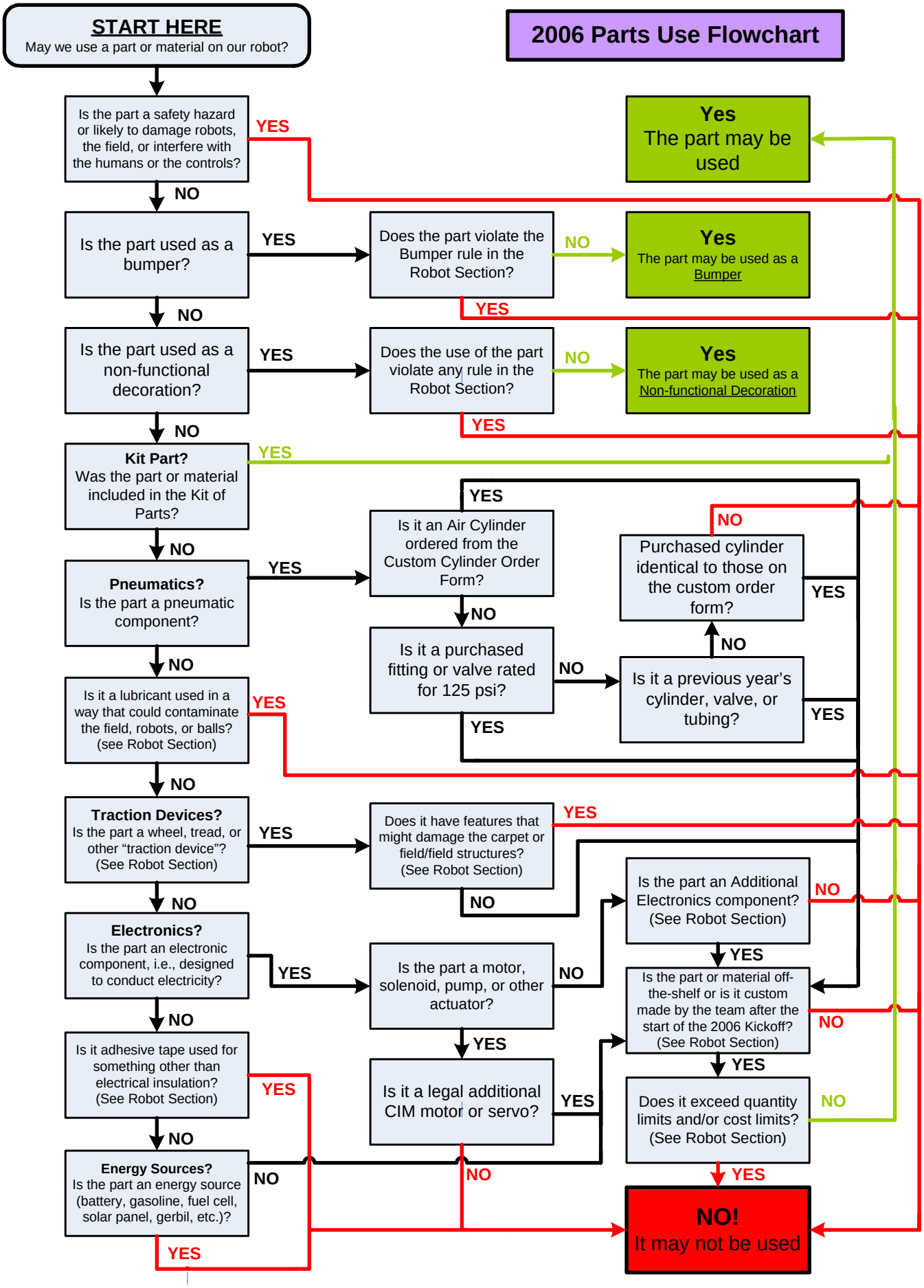
2006 Parts Use Flowchart
START HERE
May we use a part or material on our robot?
Is the part a safety hazard or likely to damage robots, the field, or interfere with the humans or the controls?
YES
NO
Yes
The part may be used
Is the part used as a bumper?
YES
Does the part violate the Bumper rule in the Robot Section?
NO
Yes
The part may be used as a Bumper
YES
NO
Is the part used as a non-functional decoration?
YES
Does the use of the part violate any rule in the Robot Section?
NO
Yes
The part may be used as a Non-functional Decoration
YES
NO
Kit Part?
Was the part or material included in the Kit of Parts?
YES
NO
Pneumatics?
Is the part a pneumatic component?
YES
Is it an Air Cylinder ordered from the Custom Cylinder Order Form?
YES
NO
Purchased cylinder identical to those on the custom order form?
NO
YES
Is it a purchased fitting or valve rated for 125 psi?
NO
Is it a previous year's cylinder, valve, or tubing?
NO
YES
YES
NO
Is it a lubricant used in a way that could contaminate the field, robots, or balls? (see Robot Section)
YES
NO
Traction Devices?
Is the part a wheel, tread, or other "traction device"? (See Robot Section)
YES
Does it have features that might damage the carpet or field/field structures? (See Robot Section)
YES
NO
NO
Electronics?
Is the part an electronic component, i.e., designed to conduct electricity?
YES
Is the part a motor, solenoid, pump, or other actuator?
NO
Is the part an Additional Electronics component? (See Robot Section)
NO
YES
Is the part or material off-the-shelf or is it custom made by the team after the start of the 2006 Kickoff? (See Robot Section)
NO
YES
NO
Is it adhesive tape used for something other than electrical insulation? (See Robot Section)
YES
YES
Is it a legal additional CIM motor or servo?
YES
Does it exceed quantity limits and/or cost limits? (See Robot Section)
NO
YES
NO
Energy Sources?
Is the part an energy source (battery, gasoline, fuel cell, solar panel, gerbil, etc.)?
NO
NO
YES
NO!
It may not be used