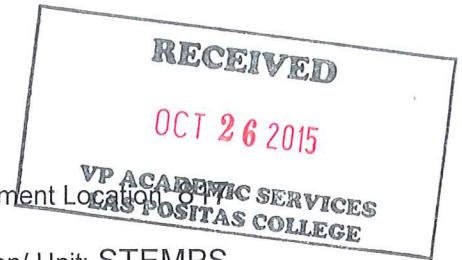


Instructional Equipment Request
2015-16

FALL 04



07,000

SECTION 1: SUMMARY INFORMATION

Brief Title of the Request: Snap On Torque Certification Kit

Name of Requestor: B. Hagopian, J. Weston

Equipment Location: 8117
Division/ Unit: STEMPS

SECTION 2: EQUIPMENT DESCRIPTION

Check one of the following:

The equipment is: A replacement An upgrade New equipment/technology

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to the college from what is currently in place? If there is a legal requirement, a mandate, or safety concern for purchase of this equipment, please discuss and make specific reference to that regulation/concern. (Cost data should be recorded in Sec. 7)

The Automotive Technology department is requesting one (1) Snap On Mechanical and Electronic Certification kit. This kit consists of 5 sets of mechanical and electronic torque/angle measurement tools sufficient to support a standard CTE class of 25 students. To meet ever increasing emissions, economy, performance and reliability standards automotive manufacturers are building components to a much higher degree of precision than even 10 years ago. With that comes the need for more precise and sophisticated fasteners (nuts and bolts) to assemble these automotive components. Gone are the days of an auto mechanic being able to perform work on a vehicle by just making sure its "good n' tight". At the request of its Automotive, Aircraft, Engineering and Educational industry partners, Snap On tools has partnered with the National Coalition of Certification Centers (NC3) to offer a way for students to learn modern fastener torqueing and measuring methods AND the option to receive an industry recognized certification in torque measurement from NC3.

SECTION 3: EDUCATIONAL ITEMS- PROGRAM REVIEW

Which educational programs or institutional purposes does this equipment support?

At this time it will support the Automotive Technology program, however we believe Engineering, Engineering Technology and Welding Technology might find the kit and the industry recognized certification useful in their programs as well.

Is this equipment included in your Program Review? Yes No

If yes, please cut and paste the appropriate wording here. If not, explain why.

From our Program Review Mission Statement-

"It is the primary purpose of the Las Positas College Automotive Department to deliver high quality up to date automotive technology training for the tri-valley."

If we had known of the existence of this kit at the time our last program review was written it would have been specifically mentioned however we believe that purchase of this kit follows with our missions statement of providing high quality and up to date automotive technology training.

SECTION 4: TEACHING AND LEARNING

Describe in some detail the impact this equipment will have on teaching and learning.

Impact on teaching: We already teach proper use of torque measurement tools as a component of nearly all of the classes in our program, having this kit in our program will make instruction on this unit much more

effective. So much of effectively teaching modern CTE students relies upon making an appealing and engaging presentation that provides not only the information but then follows it up with hands on application of what they just learned.

Impact on learning: One of the biggest impacts this kit will have on learning is that it will greatly reduce the student to equipment ratio. We currently have only two of each type of torque measurement tool that we require students to learn for a class of 25, this results in a lot of standing and watching while students are waiting for the tool they need to complete their labs. With the kit each student in a class of 25 will have some type of torque measurement tool to work with during lab. We feel that the other big impact is the student's ability to get an industry recognized certificate from NC3 upon completion of the torque measurement unit of our classes that teach torque measurement. We believe that this extra "feather" that students can pad their resumes with will have a significant impact on student learning.

Per academic year, this equipment will impact:

6 Classes Number of classes or sections
200-250 Number of students

SECTION 5: OUTCOMES (SLOs)

By documenting your specific SLOs, how will equipment enable student learning outcomes to be achieved? What are the consequences related to learning outcomes if request is not funded?

AUTO 56 SLO- Did student use proper repair procedures for vehicle being repaired?

-Nearly every mechanical repair procedure on an automobile requires proper knowledge of fasteners and how to torque the fasteners to the proper specification. While the program currently has a small collection of torque wrenches that are used nearly every day in every class this kit will help students increase their SLO success rate by giving them a much more complete and in depth understanding of torque and fasteners.

SECTION 6: LPC PLANNING PRIORITIES

Please address how this equipment will serve the current LPC planning priorities.

Priority 3- Develop processes to facilitate ongoing meaningful assessment of SLOs and integrate assessment of SLOs into college processes.

If the program is able to acquire this kit it will not only better allow us to evaluate our current SLO's but it will also allow us to implement new SLO's that better utilize all of the learning potential of this tool kit.

SECTION 7: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?: Our current collection of torque wrenches are anywhere from 5-15 years old so I would expect this collection of torque measurement tools to last just as long. The added benefit of having a larger overall collection of these tools is that it will reduce wear and tear considerably due to the lower student to tool ratio.

What will be required to maintain the equipment, such as regular servicing or upkeep? Include these costs in initial and on-going costs below.

A number of the torque measurement tools require AA batteries, we estimate the battery usage at no more than 15 batteries an academic year. Normally torque measurement tools like this need periodic recalibration performed by an outside party but in this case the kit includes a torque recalibration kit which will allow us to maintain them and all of our current torque wrenches in house.

Where will the equipment be used or housed? If new storage is needed, describe the storage, location and costs to provide for it. Include these costs in initial costs below.

The tools come in a lockable Snap On steel tool box that measures 40" Wide x 40" High x 30" Deep. It will be housed in the automotive classroom 817.

Part A: Initial Start-up Costs

	Costs	Comments
Equipment or Materials	49,626.79	
Shipping or Delivery charges	0	
Installation costs	0	
Costs to modify facilities	0	
Vendor Discount	29,145.90	
Any Other Costs-training, etc.	0	Specify
Local Sales Tax	4714.54	
Grand Total Costs =	\$54,341.29	

A completed purchase order(s) and quote(s) for this total cost must be attached.

Part B: On-going Annual Operating Costs

	Costs	
Annual service or maintenance contract	\$0	
Estimated parts replacement each year	\$0	
Outside standardization or calibration costs	\$0	How often?
Storage costs	\$0	
New supply costs	\$15	16 pack of AA batteries per year

Any other costs, including labor		Specify
Annual Operating Costs =	\$15	How will costs be paid? Program supplies budget

Part C: Incremental Labor Costs

Please describe who will be the key operator and who will perform the maintenance & repairs.

Students and faculty will be the key operators. Lab Technician IV will perform any maintenance or repairs.

Are these individuals already trained? If not, how will they be trained, how long is the training and is there a cost for the training. Please include the cost above in initial start-up. Is the maintenance, operation and repair currently within their scope of duties?

No additional training is needed to perform maintenance on the equipment.

Estimate the amount of time required in a month to perform this maintenance or operation

20 minutes to go through and verify that all of the tools are in proper working condition.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college?

We always make an effort to fully research our equipment purchases to make sure they are of the highest quality and reliability. These tools are intended to last, not need replacement 5 years from now.

Funded requestors will be expected to respond to a brief RAC feedback survey by a requested deadline. Requests for computer related equipment & printers must be reviewed by LPC IT Department

IT Department Authorized Signature: _____

Signatures:

 _____

Requestor

Date Originated: 10/12/15



Dean/Manager

Date Received 10/21/15



Vice President

Date Received _____



Quote

Submit To: Snap-on Industrial
 A Division of IDSC Holdings, LLC
 PO BOX 9004
 Crystal Lake, IL 60039-9004

 (877)740-1900

Number **212356** Date: 9/20/2015
 Type Quote
 Customer # 200051182 Valid Until: 11/19/2015
 Cust PO # Torq Cert Kit
 Ship Via UPS GROUND
 Terms NET 45 DAYS
 Sales Rep **014827 Bob Paredes, Phone: (916)204-4075**
 Fax/Mobile: N/A / (916)204-4075
 E-mail bob.paredes@snapon.com

Delivery To: 200051182
 LAS POSITAS COLLEGE
 LP SCHOOL ACCOUNT
 3000 CAMPUS HILL DRIVE
 LIVERMORE, CA 94551

 ATTN: James Weston

Bill To: 300868117
 CHABOT-LAS POSITAS C.C.D.
 LP SCHOOL ACCOUNT
 3000 CAMPUS HILL DRIVE
 LIVERMORE, CA 94551

Item	Description	Qty	List Price	Unit Price	Total
TORQCERTKIT	TORQUE CERTIFICATION KIT	5	15,754.53	9,925.35	49,626.75

Tax and freight shown are estimates.

Applicable tax and freight will be charged to the Customers account.

Total List \$78,772.65 Sub Total \$49,626.75

Tax \$4,714.54

Freight \$0.00

Total \$54,341.29

The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.

The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for more information.

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition

#R

FOR REIMBURSEMENT: List payee name & ssn. TAX ID#

SUGGESTED VENDOR **Snap On Tools and Equipment**

NAME OF STAFF MEMBER **James Weston** DATE WRITTEN **12-Oct-15** DATE REQUIRED DIVISION/DEPARTMENT For inventory purposes include room # where equipment will reside: 817

Auto/STEMPS

DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)

Part #Torqcertkit- Torque Certification Kit

UNIT QTY UNIT PRICE TOTALS

ea 5 \$9,925.35 \$ 49,626.75

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

RETURN COPY of REQUISITION TO:

J. Weston, K. Rose

UNIT QTY UNIT PRICE TOTALS

ea 5 \$9,925.35 \$ 49,626.75

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price.

ACCOUNT #

FUND

ORG

ACCT

PROGRAM

Business Office

TOTAL COST \$ 54,341.29

APPROVALS

Abi Ewert

Supervisor/ Coordinator/ Director

Dean/ VP/ President

BT#

Vendor Information/ Remit To: Deliver To, include room # (optional):

Snap-on Industrial James Weston 925-424-1137 Rm. 808

A Division of IDSC Holdings, LLC Las Positas College

PO BOX 9004 3000 Campus Hill Drive

Crystal Lake, IL 60039-9004 Livermore, CA 94551

Comments: Contact Snap On Rep Bob Paredes 916-204-4075