

tain, and review forensic science voluntary consensus standards and best practices that shall be available to the public free of charge.

(d) **ADDITIONAL REQUIREMENTS.**—The Director may promulgate such requirements, guidelines, and procedures as may be necessary to carry out this section.

(e) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated to carry out this section \$2,000,000 for each of fiscal years 2022 through 2026.

Subtitle D—Hollings Manufacturing Extension Partnership

SEC. 10251. ESTABLISHMENT OF EXPANSION AWARDS PILOT PROGRAM AS A PART OF THE HOLLINGS MANUFACTURING EXTENSION PARTNERSHIP.

(a) **ESTABLISHMENT OF EXPANSION AWARDS PROGRAM.**—The National Institute of Standards and Technology Act (15 U.S.C. 271 et seq.) is amended by inserting after section 25A (15 U.S.C. 278k–1) the following:

“SEC. 25B. EXPANSION AWARDS PILOT PROGRAM.

“(a) **DEFINITIONS.**—The terms used in this section have the meanings given the terms in section 25.

“(b) **ESTABLISHMENT.**—The Director shall establish, subject to the availability of appropriations, as a part of the Hollings Manufacturing Extension Partnership under

1 sections 25 and 25A, a pilot program of expansion awards
2 among participants described in subsection (c) for the pur-
3 poses described in subsection (e).

4 “(c) PARTICIPANTS.—Participants receiving awards
5 under this section shall be Centers, or a consortium of
6 Centers (as such term is defined in section 25).

7 “(d) AWARD AMOUNTS.—Subject to the availability
8 of appropriations, an award for a recipient under this sec-
9 tion shall be in an amount equal to the sum of the fol-
10 lowing:

11 “(1) Such amount as the Director considers ap-
12 propriate as a minimum base funding level for each
13 award under this section.

14 “(2) Such additional amount as the Director
15 considers in proportion to the manufacturing density
16 of the region of the recipient.

17 “(3) Such supplemental amounts as the Direc-
18 tor considers appropriate.

19 “(e) PURPOSE OF AWARDS.—An award under this
20 section shall be made for one or more of the following pur-
21 poses:

22 “(1) To provide worker education, training, de-
23 velopment, and entrepreneurship training and to
24 connect individuals or business with such services of-
25 fered in their community, which may include em-

1 ployee ownership and workforce training, including
2 connecting manufacturers with career and technical
3 education entities, institutions of higher education
4 (including community colleges), workforce develop-
5 ment boards, labor organizations, and nonprofit job
6 training providers to develop and support training
7 and job placement services, including apprenticeship
8 and online learning platforms, for new and incum-
9 bent workers, programming to prevent job losses
10 when adopting new technologies and processes, and
11 development of employee ownership practices.

12 “(2) To provide services to improve the resil-
13 iency of domestic supply chains.

14 “(3) To mitigate vulnerabilities to cyberattacks,
15 including helping to offset the cost of cybersecurity
16 projects for small manufacturers.

17 “(4) To expand advanced technology services to
18 United States-based small- and medium-sized manu-
19 facturers, which may include—

20 “(A) developing technology demonstration
21 laboratories;

22 “(B) training and demonstration in areas
23 of supply chain and critical technology needs,
24 including a focus on the demonstration of tech-

1 nologies developed by companies based in the
2 United States;

3 “(C) services for the adoption of advanced
4 technologies, including smart manufacturing
5 technologies and practices; and

6 “(D) establishing partnerships, for the de-
7 velopment, demonstration, and deployment of
8 advanced technologies, with—

9 “(i) national laboratories (as defined
10 in section 2 of the Energy Policy Act of
11 2005 (42 U.S.C. 15801));

12 “(ii) Federal laboratories;

13 “(iii) Manufacturing USA institutes
14 (as described in section 34(d)); and

15 “(iv) institutions of higher education.

16 “(5) To build capabilities across the Hollings
17 Manufacturing Extension Partnership for domestic
18 supply chain resiliency and optimization, including—

19 “(A) assessment of domestic manufac-
20 turing capabilities, expanded capacity for re-
21 searching and deploying information on supply
22 chain risk, hidden costs of reliance on offshore
23 suppliers, redesigning products and processes to
24 encourage reshoring, and other relevant topics;
25 and

1 “(B) expanded services to provide indus-
2 trywide support that assists United States man-
3 ufacturers with reshoring manufacturing to
4 strengthen the resiliency of domestic supply
5 chains, including in critical technology areas
6 and foundational manufacturing capabilities
7 that are key to domestic manufacturing com-
8 petitiveness and resiliency, including forming,
9 casting, machining, joining, surface treatment,
10 tooling, and metal or chemical refining.

11 “(f) REIMBURSEMENT.—The Director may reim-
12 burse Centers for costs incurred by the Centers under this
13 section.

14 “(g) APPLICATIONS.—Applications for awards under
15 this section shall be submitted in such manner, at such
16 time, and containing such information as the Director
17 shall require in consultation with the Manufacturing Ex-
18 tension Partnership Advisory Board.

19 “(h) SELECTION.—

20 “(1) REVIEWED AND MERIT-BASED.—The Di-
21 rector shall ensure that awards under this section
22 are reviewed and merit-based.

23 “(2) GEOGRAPHIC DIVERSITY.—The Director
24 shall endeavor to have broad geographic diversity
25 among selected proposals.

1 “(3) CRITERIA.—The Director shall select ap-
2 plications consistent with the purposes identified
3 pursuant to subsection (e) to receive awards that the
4 Director determines will achieve one or more of the
5 following:

6 “(A) Improvement of the competitiveness
7 of industries in the region in which the Center
8 or Centers are located.

9 “(B) Creation of jobs or training of newly
10 hired employees.

11 “(C) Promotion of the transfer and com-
12 mercialization of research and technology from
13 institutions of higher education, national lab-
14 oratories, or other federally funded research
15 programs, and nonprofit research institutes.

16 “(D) Recruitment of a diverse manufac-
17 turing workforce, including through outreach to
18 underrepresented populations, including individ-
19 uals identified in section 33 or section 34 of the
20 Science and Engineering Equal Opportunities
21 Act (42 U.S.C. 1885a, 1885b).

22 “(E) Any other result the Director deter-
23 mines will advance the objective set forth in
24 section 25(c) or 25A.

1 “(i) PROGRAM CONTRIBUTION.—Recipients of
2 awards under this section shall not be required to provide
3 a matching contribution.

4 “(j) GLOBAL MARKETPLACE PROJECTS.—In making
5 an award under this section, the Director, in consultation
6 with the Manufacturing Extension Partnership Advisory
7 Board and the Secretary, may take into consideration
8 whether an application has significant potential for en-
9 hancing the competitiveness of small and medium-sized
10 United States manufacturers in the global marketplace.

11 “(k) DURATION.—The Director shall ensure that the
12 duration of an award under this section is aligned and
13 consistent with a Center’s cooperative agreement estab-
14 lished in section 25(e).

15 “(l) REPORT.—Not later than October 1, 2025, the
16 Director shall submit to Congress a report that includes—

17 “(1) a summary description of what activities
18 were funded and the measurable outcomes of such
19 activities;

20 “(2) a description of which types of activities
21 under paragraph (1) could remain as part of a per-
22 manent expansion awards program;

23 “(3) a description of which types of activities
24 under paragraph (1) could be integrated into, and
25 supported under, the program under section 25;

1 “(4) a description of which types of activities
2 under paragraph (1) could be integrated into, and
3 supported under, the competitive awards program
4 under section 25A; and

5 “(5) a recommendation, supported by a clear
6 explanation, as to whether the pilot program should
7 be continued.”.

8 (b) **RESOURCE OPTIMIZATION.**—Of amounts author-
9 ized for the Hollings Manufacturing Extension Partner-
10 ship program under section 25 of the National Institute
11 of Standards and Technology Act (15 U.S.C. 278k), the
12 Secretary shall optimize funding across sections 25 and
13 25A of such Act, as well as the program established under
14 section 25B of such Act (as added by subsection (a)), to
15 the extent practicable and subject to the availability of ap-
16 propriations, in order to maximize Center (as such term
17 is defined in such section 25) participation as well as com-
18 petitiveness, productivity, and technological performance
19 in United States manufacturing.

20 **SEC. 10252. UPDATE TO HOLLINGS MANUFACTURING EX-**
21 **TENSION PARTNERSHIP.**

22 (a) **ACCEPTANCE OF FUNDS.**—Subsection (l) of sec-
23 tion 25 of the National Institute of Standards and Tech-
24 nology Act (15 U.S.C. 278k) is amended to read as fol-
25 lows:

1 “(1) ACCEPTANCE OF FUNDS.—

2 “(1) IN GENERAL.—To the extent provided in
3 advance in appropriations Acts, other Federal de-
4 partments and agencies may transfer amounts to the
5 Institute, and the Secretary and Director may ac-
6 cept and make available cash donations from the
7 private sector pursuant to section 2(c)(7), to be used
8 for strengthening United States manufacturing
9 under this section.

10 “(2) COMPETITIVE AWARDS.—Funds accepted
11 from other Federal departments and agencies and
12 from the private sector under paragraph (1) shall be
13 awarded competitively by the Secretary and Director
14 to Centers, provided that the Secretary and Director
15 may make noncompetitive awards, pursuant to this
16 section or section 25A, or as a non-competitive con-
17 tract, as appropriate, if the Secretary and Director
18 determine that—

19 “(A) the manufacturing market or sector
20 targeted is limited geographically or in scope;

21 “(B) the number of States (or territory, in
22 the case of Puerto Rico) with Centers serving
23 manufacturers of such market or sector is five
24 or fewer; and

1 “(C) such Center has or Centers have re-
2 ceived a positive evaluation in the most recent
3 evaluation conducted pursuant to subsection
4 (g).”.

5 (b) SUPPORTING AMERICAN MANUFACTURING.—Sec-
6 tion 25 of the National Institute of Standards and Tech-
7 nology Act (15 U.S.C. 278k) is amended—

8 (1) in subsection (a)(5)—

9 (A) by striking “or consortium thereof,”;
10 and

11 (B) by inserting “or a consortium thereof”
12 before the period at the end of the sentence;

13 (2) in subsection (c)(4), by inserting “United
14 States-based” before “industrial”;

15 (3) in subsection (d)—

16 (A) in paragraph (1), by inserting “at
17 United States-based industrial facilities, includ-
18 ing small and medium manufacturing compa-
19 nies” before “based”;

20 (B) in paragraph (2), by inserting “United
21 States-based” before “companies”; and

22 (C) in paragraph (3), by inserting “United
23 States-based” before “small”;

1 (4) in subsection (f)(5)(B)(i), by inserting “in
2 the United States” before the semicolon at the end
3 of the clause; and

4 (5) in subsection (n)(1)(A), by inserting
5 “United States-based” before “small”.

6 (c) AMENDING THE MEP COMPETITIVE AWARDS
7 PROGRAM.—Section 25A(c)(2) of the National Institute of
8 Standards and Technology Act (15 U.S.C. 278k-1(c)(2))
9 is amended by inserting “United States” before “manu-
10 facturers”.

11 (d) MEP OUTREACH.—Section 25 of the National
12 Institute of Standards and Technology Act (15 U.S.C.
13 278k) is amended—

14 (1) in subsection (c)—

15 (A) in paragraph (6), by striking “commu-
16 nity colleges and area career and technical edu-
17 cation schools” and inserting the following:
18 “secondary schools, community colleges, and
19 area career and technical education schools, in-
20 cluding those in underserved and rural commu-
21 nities,”; and

22 (B) in paragraph (7)—

23 (i) by striking “and local colleges”
24 and inserting “local secondary schools and
25 local colleges, including historically Black

1 colleges and universities, Tribal Colleges or
2 Universities, minority-serving institutions,
3 community colleges, and secondary schools
4 and colleges in underserved and rural com-
5 munities,”; and

6 (ii) by inserting “or other applied
7 learning opportunities” after “apprentice-
8 ships”; and

9 (2) in subsection (d)(3), by striking “, commu-
10 nity colleges, and area career and technical edu-
11 cation schools,” and inserting the following: “and
12 local high schools, community colleges, and area ca-
13 reer and technical education schools, including those
14 in underserved and rural communities,”.

15 **SEC. 10253. NATIONAL SUPPLY CHAIN DATABASE.**

16 (a) ESTABLISHMENT OF NATIONAL SUPPLY CHAIN
17 DATABASE.—The Director shall establish a voluntary Na-
18 tional Supply Chain Database, subject to the availability
19 of appropriations.

20 (b) PURPOSE.—The purpose of the voluntary Na-
21 tional Supply Chain Database shall be to assist the Fed-
22 eral Government and industry sectors in minimizing dis-
23 ruptions to the United States supply chain by having an
24 assessment of United States manufacturers’ capabilities.

1 (c) STUDY ON NATIONAL SUPPLY CHAIN DATA-
2 BASE.—In establishing the National Supply Chain Data-
3 base, the Director shall consider the findings and rec-
4 ommendations from the study authorized pursuant to sec-
5 tion 9413 of the National Defense Authorization Act for
6 Fiscal Year 2021 (Public Law 116–283), including meas-
7 ures to secure and protect the Database from adversarial
8 attacks and vulnerabilities.

9 (d) DATABASE AND MANUFACTURING EXTENSION
10 PARTNERSHIP.—

11 (1) IN GENERAL.—The Director shall establish
12 the infrastructure for the National Supply Chain
13 Database through the Hollings Manufacturing Ex-
14 tension Partnership, established pursuant to section
15 25 of the National Institute of Standards and Tech-
16 nology Act (15 U.S.C. 278k), by connecting infor-
17 mation from the Centers (as such term is defined in
18 such section) through the Database.

19 (2) NATIONAL VIEW.—The Director shall en-
20 sure that connections under paragraph (1)—

21 (A) provide a national overview of the net-
22 works of supply chains of the United States;
23 and

24 (B) support understanding of whether
25 there is a need for some manufacturers to re-

1 tool in some critical areas to meet the urgent
2 need for key products.

3 (3) INDIVIDUAL HOLLINGS MANUFACTURING
4 EXTENSION PARTNERSHIP CENTER DATABASES.—

5 (A) IN GENERAL.—The Director shall en-
6 sure that—

7 (i) each Center is connected to the
8 National Supply Chain Database; and

9 (ii) each supply chain database main-
10 tained by a Center is interoperable with
11 the Database.

12 (B) RULE OF CONSTRUCTION.—Nothing in
13 this section may be construed to require a State
14 or territory of the United States to establish a
15 new supply chain database through the Hollings
16 Manufacturing Extension Partnership program.

17 (e) MAINTENANCE OF NATIONAL SUPPLY CHAIN
18 DATABASE.—The Director, acting through the Hollings
19 Manufacturing Extension Partnership program or a des-
20 ignee of the program—

21 (1) shall maintain the National Supply Chain
22 Database as an integration of State-level databases
23 from the Center of each State or territory of the
24 United States;

1 (2) may populate the Database with informa-
2 tion from past or current clients of Centers; and

3 (3) may include in the Database information
4 voluntarily provided by non-client private sector enti-
5 ties based and operating in the United States, as ap-
6 plicable and appropriate.

7 (f) DATABASE CONTENT.—The National Supply
8 Chain Database may include the following:

9 (1) Basic private sector entity information.

10 (2) An overview of capabilities, accreditations,
11 and products.

12 (3) Proprietary information.

13 (g) STANDARD CLASSIFICATION SYSTEM.—The Na-
14 tional Supply Chain Database may, where applicable, use
15 the North American Industry Classification System
16 (NAICS) Codes as follows:

17 (1) Sector 31-33 – Manufacturing.

18 (2) Sector 54 – Professional, Scientific, and
19 Technical Services.

20 (3) Sector 48-49 – Transportation and
21 Warehousing.

22 (h) LEVELS.—The National Supply Chain Database
23 shall be multi-leveled as agreed to under terms of mutual
24 disclosure as follows:

1 (1) Level 1 shall have the capability to provide
2 basic private sector entity information and shall be
3 available to the public.

4 (2) Level 2 shall have the capability to provide
5 a deeper, nonproprietary overview into capabilities,
6 products, and accreditations and shall be available to
7 all companies that contribute to the Database.

8 (3) Level 3 shall have the capability to hold
9 proprietary information.

10 (i) MATTERS RELATING TO DISCLOSURE AND AC-
11 CESS.—

12 (1) FOIA EXEMPTION.—The National Supply
13 Chain Database, and any information contained
14 therein that is not publicly released by the Institute,
15 shall be exempt from public disclosure under section
16 552(b)(3) of title 5, United States Code.

17 (2) LIMITATION ON ACCESS TO CONTENT.—Ac-
18 cess to a contributing private sector entity's non-
19 public content in the National Supply Chain Data-
20 base shall be limited to—

21 (A) the contributing private sector entity,
22 the Institute, and staff from a Center who sign
23 a nondisclosure agreement, and

24 (B) other Federal departments and agen-
25 cies,

1 as the Director considers appropriate.

2 (3) AGGREGATED INFORMATION.—The Director
3 may make aggregated, de-identified information
4 available to contributing companies, Centers, or the
5 public, as the Director considers appropriate, in sup-
6 port of the purposes of this section.

7 (j) COORDINATION WITH NATIONAL TECHNOLOGY
8 AND INDUSTRIAL BASE COUNCIL.—The Director, acting
9 through the Hollings Manufacturing Extension Partner-
10 ship program, may work with the National Defense Tech-
11 nology and Industrial Base Council established under sec-
12 tion 4812 of title 10, United States Code, as the Director
13 considers appropriate, to include in the National Supply
14 Chain Database information regarding the defense manu-
15 facturing supply chain.

16 (k) PROTECTIONS.—

17 (1) IN GENERAL.—Supply chain information
18 that is voluntarily and lawfully submitted to the Na-
19 tional Supply Chain Database by a private sector en-
20 tity and accompanied by an express statement de-
21 scribed in paragraph (2)—

22 (A) shall be exempt from disclosure under
23 section 552(b)(3) of title 5, United States Code;

24 (B) may not be made available pursuant to
25 any Federal, State, local, or Tribal authority

1 pursuant to any Federal, State, local, or Tribal
2 law requiring public disclosure of information or
3 records; and

4 (C) may not, without the written consent
5 of the private sector entity submitting such in-
6 formation, be used directly by the Director, or
7 any other Federal, State, or local authority in
8 any civil enforcement action brought by a Fed-
9 eral, State, Tribal, or local authority.

10 (2) EXPRESS STATEMENT.—The express state-
11 ment described in this paragraph, with respect to in-
12 formation or records, is—

13 (A) in the case of written information or
14 records, a written marking on the information
15 or records substantially similar to the following:
16 “This information is voluntarily submitted to
17 the Federal Government in expectation of pro-
18 tection from disclosure as provided by the provi-
19 sions of section 10253(k) of the Research and
20 Development, Competition, and Innovation
21 Act.”; or

22 (B) in the case of oral information, a writ-
23 ten statement similar to the statement de-
24 scribed in subparagraph (A) submitted within a

1 reasonable period following the oral communica-
2 tion.

3 (l) RULES OF CONSTRUCTION.—

4 (1) PRIVATE ENTITIES.—Nothing in this sec-
5 tion may be construed to require any private sector
6 entity to share data, including proprietary informa-
7 tion, with the Director or the National Supply Chain
8 Database.

9 (2) PROHIBITION ON NEW REGULATORY AU-
10 THORITY.—Nothing in this section may be construed
11 to grant the Director, or the head of any other Fed-
12 eral agency, any authority to promulgate regulations
13 or set standards on manufacturers, based on data
14 within the National Supply Chain Database, that
15 was not in effect on the day before the date of the
16 enactment of this section.

17 **SEC. 10254. HOLLINGS MANUFACTURING EXTENSION PART-**
18 **nership Activities.**

19 Section 70924(b) of the Infrastructure Investment
20 and Jobs Act (Public Law 117–58) is amended to read
21 as follows:

22 “(b) AUTOMATIC ENROLLMENT IN GSA ADVAN-
23 TAGE.—The Administrator of the General Services Ad-
24 ministration and the Secretary of Commerce, acting
25 through the Under Secretary of Commerce for Standards

1 and Technology, shall jointly ensure that businesses that
2 participate in the Hollings Manufacturing Extension Part-
3 nership, and so desire, are automatically enrolled in Gen-
4 eral Services Administration Advantage.”.

5 **SEC. 10255. AMENDMENT TO THE HOLLINGS MANUFAC-**
6 **TURING EXTENSION PARTNERSHIP RELAT-**
7 **ING TO INSTITUTIONS OF HIGHER EDU-**
8 **CATION.**

9 Subsection (a) of section 25 of the National Institute
10 of Standards and Technology Act (15 U.S.C. 278k) is
11 amended—

12 (1) by redesignating paragraph (6) (relating to
13 the definition of “Hollings Manufacturing Extension
14 Partnership or Program”) as paragraph (7);

15 (2) by inserting after paragraph (5) the fol-
16 lowing new paragraph:

17 “(6) HISTORICALLY BLACK COLLEGE AND UNI-
18 VERSITY.—The term ‘historically Black college and
19 university’ has the meaning given the term ‘part B
20 institution’ in section 322 of the Higher Education
21 Act of 1965 (20 U.S.C. 1061).”;

22 (3) by redesignating the second paragraph (7)
23 (relating to the definition of “MEP Advisory
24 Board”) as paragraph (8);

1 (4) by inserting after paragraph (6) (as in-
2 serted by paragraph (2), relating to the definition of
3 “historically Black college and university”) the fol-
4 lowing new paragraph:

5 “(7) INSTITUTION OF HIGHER EDUCATION.—
6 The term ‘institution of higher education’ has the
7 meaning given such term in section 101 of the High-
8 er Education Act of 1965 (20 U.S.C. 1001).”;

9 (5) by adding at the end the following new
10 paragraphs:

11 “(9) MINORITY-SERVING INSTITUTION.—The
12 term ‘minority-serving institution’ means a His-
13 panic-serving institution as defined in section 502(a)
14 of the Higher Education Act of 1965 (20 U.S.C.
15 1101a(a)); an Alaska Native-serving institution or
16 Native Hawaiian-serving institution as defined in
17 section 317(b) of such Act (20 U.S.C. 1059d(b)); or
18 a Predominantly Black institution, Asian American
19 and Native American Pacific Islander-serving insti-
20 tution, or Native American-serving nontribal institu-
21 tion as defined in section 371(c) of such Act (20
22 U.S.C. 1067q(c)).

23 “(10) SECONDARY SCHOOL.—The term ‘sec-
24 ondary school’ has the meaning given such term in

1 section 8101 of the Elementary and Secondary Edu-
2 cation Act of 1965 (20 U.S.C. 7801).

3 “(11) TRIBAL COLLEGE OR UNIVERSITY.—The
4 term ‘Tribal College or University’ has the meaning
5 given the term ‘Tribal College or University’ in sec-
6 tion 316 of the Higher Education Act of 1965 (20
7 U.S.C. 1059c).”.

8 **Subtitle E—Manufacturing USA**
9 **Program**

10 **SEC. 10261. SUPPORTING GEOGRAPHIC DIVERSITY.**

11 Section 34(e) of the National Institute of Standards
12 and Technology Act (15 U.S.C. 278s(e)) is amended by
13 adding at the end the following:

14 “(8) DIVERSITY PREFERENCES.—In awarding
15 financial assistance under paragraph (1) for plan-
16 ning or establishing a Manufacturing USA institute,
17 an agency head shall give special consideration to
18 Manufacturing USA institutes that—

19 “(A) contribute to the geographic diversity
20 of the Manufacturing USA Program;

21 “(B) are located in an area with a low per
22 capita income;

23 “(C) are located in an area with a high
24 proportion of socially disadvantaged residents;

25 or

1 “(D) are located in small and rural com-
2 munities.”.

3 **SEC. 10262. EXPANDING OPPORTUNITIES THROUGH THE**
4 **MANUFACTURING USA PROGRAM.**

5 (a) IN GENERAL.—The Secretary of Commerce, in
6 consultation with the Secretary of Energy, the Secretary
7 of Defense, and the heads of such other Federal agencies
8 as the Secretary of Commerce considers relevant, shall co-
9 ordinate with existing and new Manufacturing USA insti-
10 tutes to integrate covered entities as active members of
11 the Manufacturing USA institutes, including through the
12 development of preferences in selection criteria for pro-
13 posals to create new Manufacturing USA institutes or
14 renew existing Manufacturing USA institutes that include
15 one or more covered entities.

16 (b) COVERED ENTITIES.—For purposes of this sub-
17 section, a covered entity is—

- 18 (1) an historically Black college and university;
19 (2) a Tribal College or University;
20 (3) a minority-serving institution;
21 (4) a minority business enterprise (as such
22 term is defined in section 1400.2 of title 15, Code
23 of Federal Regulations, or successor regulation); or

1 (5) a rural-serving institution of higher edu-
2 cation (as such term is defined in section 861 of the
3 Higher Education Act of 1965 (20 U.S.C. 1161q)).

4 **SEC. 10263. PROMOTING DOMESTIC PRODUCTION OF TECH-**
5 **NOLOGIES DEVELOPED UNDER MANUFAC-**
6 **TURING USA PROGRAM.**

7 (a) DEPARTMENT OF COMMERCE POLICIES TO PRO-
8 MOTE DOMESTIC PRODUCTION OF TECHNOLOGIES DE-
9 VELOPED UNDER MANUFACTURING USA NETWORK.—

10 (1) POLICIES.—

11 (A) IN GENERAL.—Each agency head (as
12 such term is defined in section 34(a) of the Na-
13 tional Institute of Standards and Technology
14 Act (15 U.S.C. 278s(a))) and the Secretary of
15 Defense shall, in consultation with the Sec-
16 retary of Commerce, establish policies to pro-
17 mote the domestic production of technologies
18 developed by the Manufacturing USA Network.

19 (B) ELEMENTS.—The policies established
20 under subparagraph (A) shall include the fol-
21 lowing:

22 (i) Measures to partner domestic de-
23 velopers of goods, services, or technologies
24 by Manufacturing USA Network activities

1 with domestic manufacturers and sources
2 of financing.

3 (ii) Measures to develop and provide
4 incentives to promote transfer of intellec-
5 tual property and goods, services, or tech-
6 nologies developed by Manufacturing USA
7 Network activities to domestic manufactur-
8 ers.

9 (iii) Measures to assist with supplier
10 scouting and other supply chain develop-
11 ment, including the use of the Hollings
12 Manufacturing Extension Partnership
13 under section 25 of the National Institute
14 of Standards and Technology Act (15
15 U.S.C. 278k) to carry out such measures.

16 (iv) A process to review and approve
17 or deny membership in a Manufacturing
18 USA institute by foreign-owned entities,
19 especially from countries of concern, in-
20 cluding the People's Republic of China.

21 (v) Measures to prioritize Federal pro-
22 curement of goods, services, or technologies
23 developed by the Manufacturing USA Net-
24 work activities from domestic sources, as
25 appropriate.

1 (C) PROCESSES FOR WAIVERS.—The poli-
2 cies established under this paragraph shall in-
3 clude processes to permit waivers, on a case by
4 case basis, for policies that promote domestic
5 production based on cost, availability, severity
6 of technical and mission requirements, emer-
7 gency requirements, operational needs, other
8 legal or international treaty obligations, or
9 other factors determined important to the suc-
10 cess of the Manufacturing USA Program.

11 (2) PROHIBITION.—

12 (A) IN GENERAL.—A company of the Peo-
13 ple’s Republic of China may not participate in
14 the Manufacturing USA Program without a
15 waiver, as described in paragraph (1)(C).

16 (B) COMPANY DEFINED.—In this para-
17 graph, the term “company” has the meaning
18 given such term in section 847(a) of the Na-
19 tional Defense Authorization Act for Fiscal
20 Year 2020 (Public Law 116–92; 10 U.S.C.
21 4819 note).

22 (b) COORDINATION OF MANUFACTURING USA INSTI-
23 TUTES.—Subsection (h) of section 34 of the National In-
24 stitute of Standards and Technology Act (15 U.S.C. 278s)
25 is amended by adding at the end the following:

1 “(7) COUNCIL FOR COORDINATION OF INSTI-
2 TUTES.—

3 “(A) COUNCIL.—The National Program
4 Office shall establish or designate a council of
5 heads of any Manufacturing USA institute re-
6 ceiving Federal funding at any time to foster
7 collaboration between Manufacturing USA in-
8 stitutes.

9 “(B) MEETINGS.—The council established
10 or designated pursuant to subparagraph (A)
11 shall meet not less frequently than twice each
12 year.

13 “(C) DUTIES OF THE COUNCIL.—The
14 council established pursuant to subparagraph
15 (A) shall assist the National Program Office in
16 carrying out the functions of the National Pro-
17 gram Office under paragraph (2).”.

18 (c) REQUIREMENT FOR NATIONAL PROGRAM OFFICE
19 TO DEVELOP STRATEGIES FOR RETAINING DOMESTIC
20 PUBLIC BENEFIT AFTER CESSATION OF FEDERAL FUND-
21 ING.—Subparagraph (C) of section 34(h)(2) of the Na-
22 tional Institute of Standards and Technology Act (15
23 U.S.C. 278s(h)(2)) is amended by inserting “, including
24 a strategy for retaining domestic public benefits from

1 Manufacturing USA institutes once Federal funding has
2 been discontinued” after “Program”.

3 (d) MODIFICATION OF FUNCTIONS OF NATIONAL
4 PROGRAM OFFICE TO INCLUDE DEVELOPMENT OF IN-
5 DUSTRY CREDENTIALS.—Subparagraph (J) of section
6 34(h)(2) of the National Institute of Standards and Tech-
7 nology Act (15 U.S.C. 278s(h)(2)) is amended by insert-
8 ing “, including the development of industry credentials”
9 after “activities”.

10 (e) ADVICE FROM THE UNITED STATES MANUFAC-
11 TURING COUNCIL.—The Secretary shall seek advice from
12 the United States Manufacturing Council of the Inter-
13 national Trade Administration of the Department of Com-
14 merce on matters concerning investment in and support
15 of the manufacturing workforce within the Manufacturing
16 USA Program.

17 **TITLE III—NATIONAL SCIENCE**
18 **FOUNDATION FOR THE FUTURE**

19 **Subtitle A—Preliminary Matters**

20 **SEC. 10301. SENSE OF CONGRESS.**

21 It is the sense of Congress that—

22 (1) the National Science Foundation, the De-
23 partment of Energy and its National Laboratories,
24 and other key Federal agencies have carried out
25 vital work supporting basic and applied research to